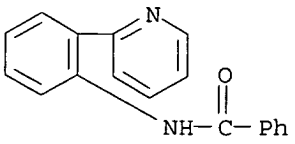
Reference U

L10 ANSWER 24 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1943:39450 HCAPLUS
DOCUMENT NUMBER: 37:39450
ORIGINAL REFERENCE NO.: 37:6264i,6265a-c
TITLE: New syntheses of heterocyclic compounds. II. 2-Phenyl-3,4,6,7-dibenzo-1,5-naphthyridine
AUTHOR(S): Petrow, V. A.; Stack, M. V.; Wragg, W. R.
SOURCE: Journal of the Chemical Society (1943) 316-17
CODEN: JCSOA9; ISSN: 0368-1769
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
OTHER SOURCE(S): CASREACT 37:39450

AB cf. C. A. 37, 885.2. 2-(o-Nitrophenyl)pyridine, reduced in 2 vols. concentrated HCl with 6 parts $SnCl_2$ in 12 parts concentrated HCl, with final heating for 1 h. at 100°, gives the 2-NH_2 derivative (I), whose picrate, orange, m. 185-6° (decomposition); Bz derivative (II), m. 117° (picrate, yellow, m. 155° (decomposition)). The 3-isomer of I forms a picrate, m. 164° (decomposition); Bz derivative (III), m. 132° (picrate, yellow, m. 168° (decomposition)).
2-Amino-3-phenylquinoline (preparation in 30% yield given) forms an Ac derivative (IV), m. 107-8°. 2-(o-Benzamidophenyl)quinoline (V), m. 124°. $BzCH_2NH_2$ and BzCl in C_5H_5N give, under definite conditions, benzoylphenacylamine (VI), m. 125-6°; under other conditions there also result α,γ-diphenylpyrazine, m. 193-4°, and dibenzoylphenacylamine, m. 173-4° (separated by crystallization from Me_2CO). Condensation of VI with isatin in alc. KOH gives 3-benzamido-2-phenyl-4-quinolinecarboxylic acid, pale yellow, m. 254-5°; heating 5 g. with 30 mL. H_3PO_4 (d. 1.75) at 170-210° gives 3-amino-2-phenylquinoline (VII), which forms a Bz derivative (VIII), m. 179-80°, and a p-nitrobenzoyl derivative (IX), pale yellow, m. 223°. VIII, heated with P_2O_5 at 270-80° for 2 h., gives 2-phenyl-3,4,6,7-dibenzo-1,5-naphthyridine, m. 197-8° (picrate, yellow, m. 240-1°); IX forms a resinous product and the Ac derivative of VII yields an unidentified compound m. 199°. II-V could not be cyclized by refluxing with P_2O_5; with $ZnCl_2$, at 300° or P_2O_5 at 200°, the amines were regenerated; fusion with P_2O_5 caused resinification.

IT 76426-76-1P, Benzanilide, 2'-(2-pyridyl)- 860521-36-4P, Benzanilide, 2'-(2-pyridyl)-, picrate
RL: PREP (Preparation)
(preparation of)

RN 76426-76-1 HCAPLUS
CN Benzamide, N-[2-(2-pyridinyl)phenyl]- (CA INDEX NAME)



RN 860521-36-4 HCAPLUS

Updated Search

Reference U

CN Benzanilide, 2'-(2-pyridyl)-, picrate (4CI) (CA INDEX NAME)

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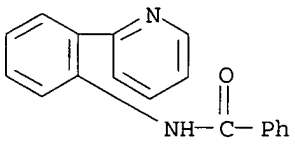

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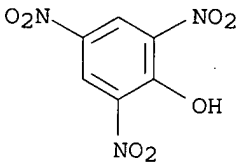

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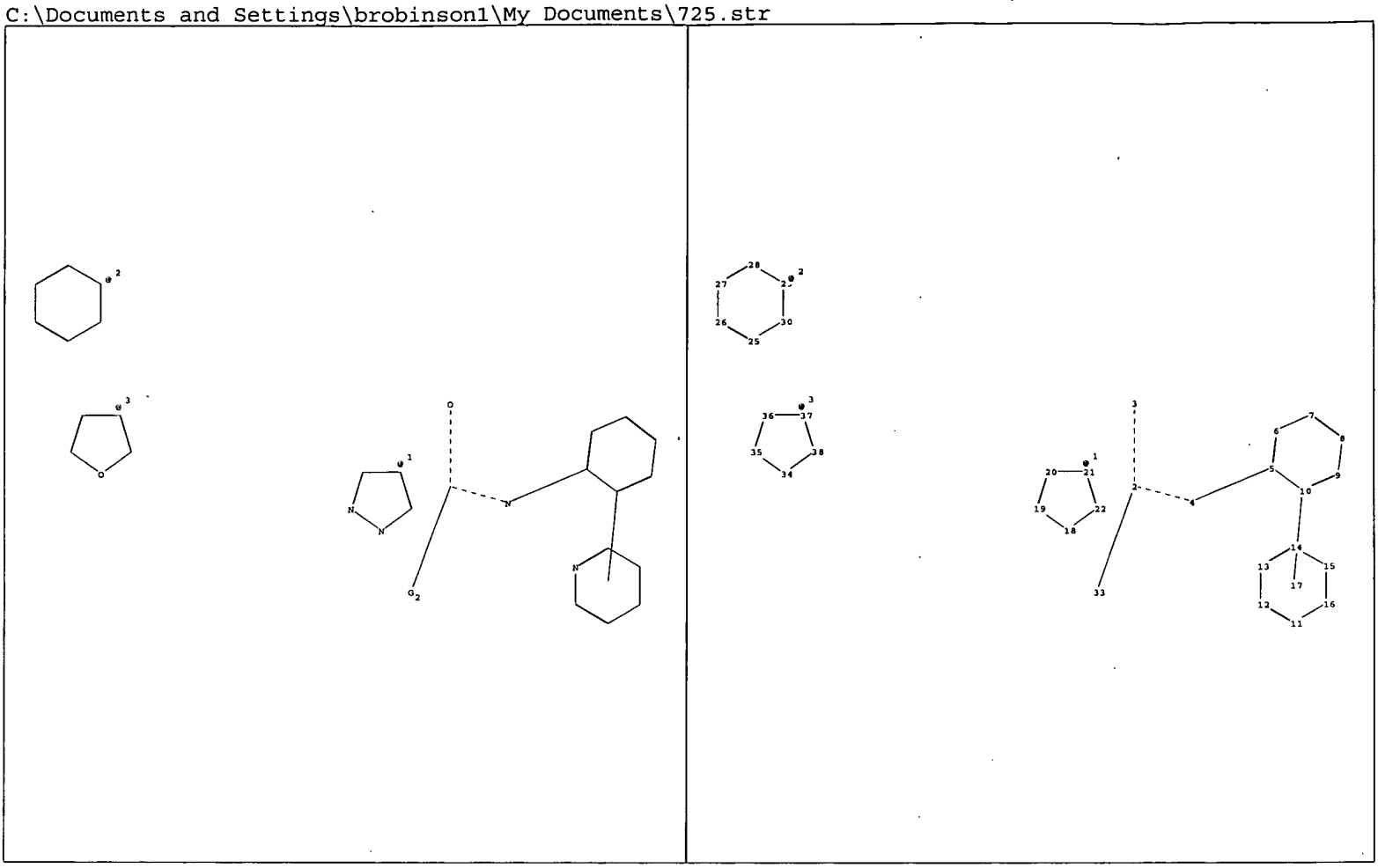

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ring nodes :
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36 37 38
chain bonds :
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ring bonds :
5-6 5-10 6-7 7-8 8-9 9-10 11-12 11-16 12-13 13-14 14-15 15-16 18-19 18-22 19-20
20-21 21-22 25-26 25-30 26-27 27-28 28-29 29-30 34-35 34-38 35-36 36-37 37-38
exact/norm bonds :
2-4 2-3 2-33 4-5 18-19 18-22 19-20 34-35 34-38 35-36 36-37 37-38
exact bonds :
20-21 21-22
normalized bonds :
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27-28 28-29 29-30
isolated ring systems :
containing 18 : 25 :

G1:X,CN,Ak

G2:[*1],[*2],[*3]

Match level :
2:CLASS 3:CLASS 4:CLASS 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom
13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom
25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 33:CLASS 34:Atom 35:Atom 36:Atom
37:Atom 38:Atom

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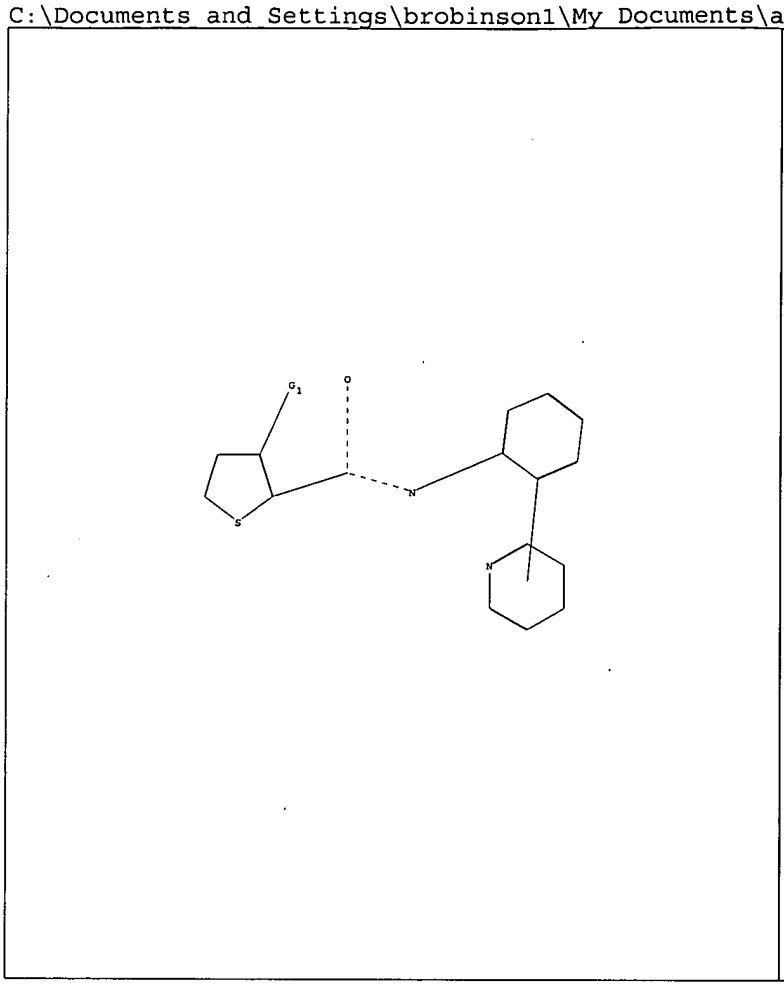

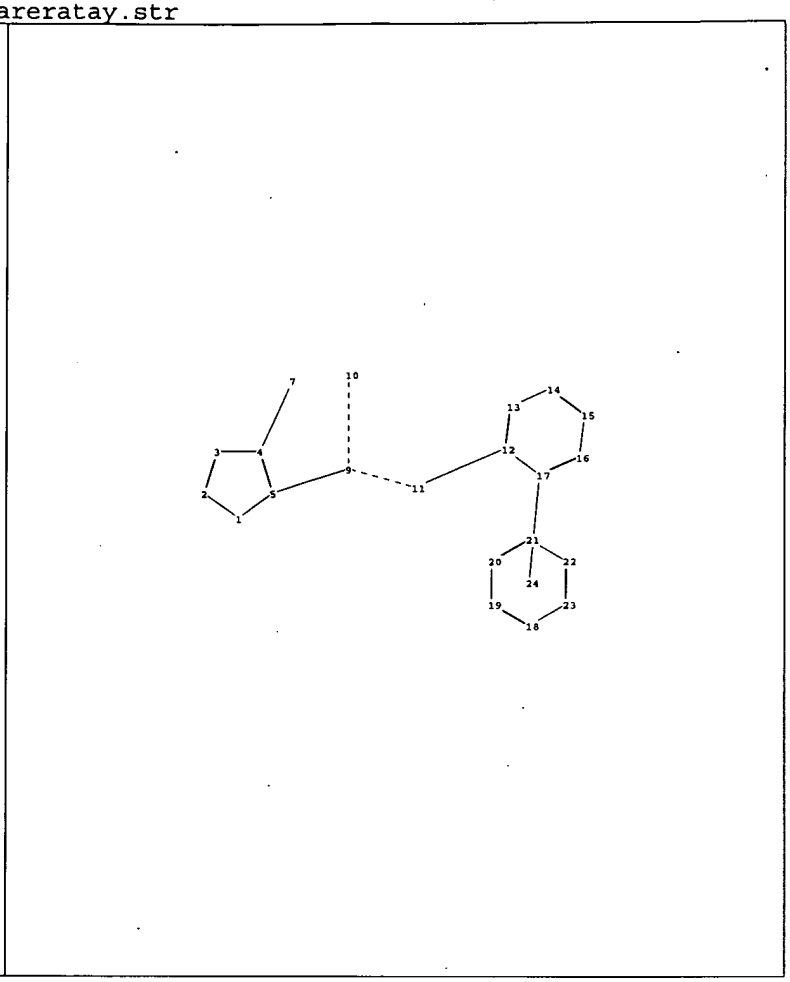

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ring nodes :
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exact bonds :
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normalized bonds :
12-13 12-17 13-14 14-15 15-16 16-17 18-19 18-23 19-20 20-21 21-22 22-23
isolated ring systems :
containing 1 : 12 : 18 :

G1:X,CN,Ak

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 7:CLASS 9:CLASS 10:CLASS 11:CLASS 12:Atom 13:Atom
14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom
24:Atom

STN

Connecting via Winsock to STN

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LOGINID:ssspta1612bxr

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

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 NEWS  1          Web Page for STN Seminar Schedule - N. America
 NEWS  2  NOV 21  CAS patent coverage to include exemplified prophetic
                  substances identified in English-, French-, German-,
                  and Japanese-language basic patents from 2004-present
 NEWS  3  NOV 26  MARPAT enhanced with FSORT command
 NEWS  4  NOV 26  CHEMSAFE now available on STN Easy
 NEWS  5  NOV 26  Two new SET commands increase convenience of STN
                  searching
 NEWS  6  DEC 01  ChemPort single article sales feature unavailable
 NEWS  7  DEC 12  GBFULL now offers single source for full-text
                  coverage of complete UK patent families
 NEWS  8  DEC 17  Fifty-one pharmaceutical ingredients added to PS
 NEWS  9  JAN 06  The retention policy for unread STNmail messages
                  will change in 2009 for STN-Columbus and STN-Tokyo
 NEWS 10  JAN 07  WPIDS, WPINDEX, and WPIX enhanced Japanese Patent
                  Classification Data
 NEWS 11  FEB 02  Simultaneous left and right truncation (SLART) added
                  for CERAB, COMPUAB, ELCOM, and SOLIDSTATEM
 NEWS 12  FEB 02  GENBANK enhanced with SET PLURALS and SET SPELLING
 NEWS 13  FEB 06  Patent sequence location (PSL) data added to USGENE

 NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
              AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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 NEWS LOGIN     Welcome Banner and News Items
 NEWS IPC8      For general information regarding STN implementation of IPC 8
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Enter NEWS followed by the item number or name to see news on that specific topic.

* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 12:39:01 ON 09 FEB 2009

Updated Search

STN

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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.22       0.22

FILE 'REGISTRY' ENTERED AT 12:39:31 ON 09 FEB 2009
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STRUCTURE FILE UPDATES:     6 FEB 2009  HIGHEST RN 1101988-13-9
DICTIONARY FILE UPDATES:    6 FEB 2009  HIGHEST RN 1101988-13-9

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TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

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predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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L1       STRUCTURE UPLOADED

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SAMPLE SCREEN SEARCH COMPLETED -      1300 TO ITERATE

100.0% PROCESSED     1300 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
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L2             0 SEA SSS SAM L1

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Updated Search

STN

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L3 2 SEA SSS FUL L1

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FULL ESTIMATED COST 191.64 191.86

FILE 'HCAPLUS' ENTERED AT 12:47:08 ON 09 FEB 2009
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FILE COVERS 1907 - 9 Feb 2009 VOL 150 ISS 7
FILE LAST UPDATED: 8 Feb 2009 (20090208/ED)

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L4 1 L3

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L4 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:54986 HCAPLUS
DOCUMENT NUMBER: 142:129055
TITLE: Preparation of pyridinylanilides and their use as antimicrobial agents in agriculture
INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Hartmann, Benoit; Greul, Joerg Nico; Wachendorff-Neumann, Ulrike; Dahmen, Peter; Kuck, Karl-Heinz; Mansfield, Darren James; Coqueron, Pierre-Yves; Rieck, Heiko; Desbordes, Philippe
PATENT ASSIGNEE(S): Bayer Cropscience AG, Germany
SOURCE: PCT Int. Appl., 119 pp.

Updated Search

STN

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005004606	A3	20050421		
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OTHER SOURCE(S): CASREACT 142:129055; MARPAT 142:129055
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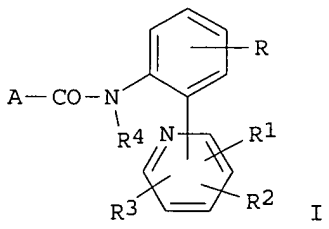

I

AB Novel pyridinylanilides (I, where R = H, F, Cl, Me, or CF3; R1, R2, R3 = independently H, halo, CN, thiocarbamoyl (un)branched alkyl, etc.; R4 = H, C1-8 alkyl, C1-6 alkylsulfinyl, etc.; A = (hetero)cyclic ring) are mixed with extenders and(or) surfactants to prepare conpns. useful for controlling unwanted microorganisms. Five processes for preparing the pyridinylanilides are claimed. Thus, N-{2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]phenyl}-2-(trifluoromethyl)benzamide, prepared by reacting N-(2-iodophenyl)-2-(trifluoromethyl)benzamide and 2-bromo-3-chloro-5-(trifluoromethyl)pyridine in the presence of bis(pinacolato)diboron and a Pd catalyst, showed 100% efficacy in

Updated Search

STN

protecting apple from the mildew pathogen Podosphaera leucotricha.

IT 824952-37-6P 824952-69-4P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation and antimicrobial activity against plant pathogens of)

RN 824952-37-6 HCAPLUS
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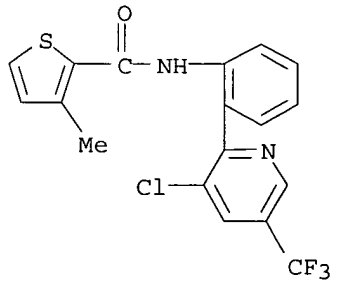

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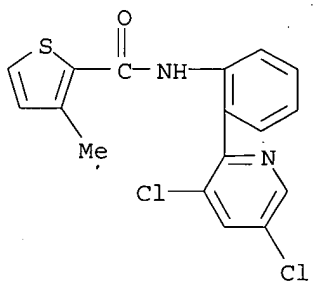

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CA SUBSCRIBER PRICE	-0.82	-0.82

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STN

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STRUCTURE FILE UPDATES: 6 FEB 2009 HIGHEST RN 1101988-13-9
DICTIONARY FILE UPDATES: 6 FEB 2009 HIGHEST RN 1101988-13-9

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http://www.cas.org/support/stngen/stndoc/properties.html

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L5 STRUCTURE UPLOADED

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SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 188648 TO 200472
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

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100.0% PROCESSED 193081 ITERATIONS 188 ANSWERS
SEARCH TIME: 00.00.02

L7 188 SEA SSS FUL L5

=> file hcaplus
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FULL ESTIMATED COST 195.48 395.83

Updated Search

STN

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE ENTRY TOTAL SESSION

CA SUBSCRIBER PRICE 0.00 -0.82

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FILE COVERS 1907 - 9 Feb 2009 VOL 150 ISS 7
FILE LAST UPDATED: 8 Feb 2009 (20090208/ED)

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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L8          25 L7

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           121 DUNKEL, R?/AU
L9           1 L8 AND DUNKEL, R?/AU

=> d l9, ibib abs hitstr, 1

L9   ANSWER 1 OF 1  HCAPLUS  COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:         2005:54986  HCAPLUS
DOCUMENT NUMBER:          142:129055
TITLE:                    Preparation of pyridinylanilides and their use as
                          antimicrobial agents in agriculture
INVENTOR(S):              Dunkel, Ralf; Elbe, Hans-Ludwig; Hartmann,
                          Benoit; Greul, Joerg Nico; Wachendorff-Neumann,
                          Ulrike; Dahmen, Peter; Kuck, Karl-Heinz; Mansfield,
                          Darren James; Coqueron, Pierre-Yves; Rieck, Heiko;
                          Desbordes, Philippe
PATENT ASSIGNEE(S):       Bayer Cropscience AG, Germany
SOURCE:                   PCT Int. Appl., 119 pp.
                          CODEN: PIXXD2
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Updated Search

STN

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

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PRIORITY APPLN. INFO.: EP 2003-15733 A 20030710
WO 2004-EP7323 W 20040705

OTHER SOURCE(S): CASREACT 142:129055; MARPAT 142:129055

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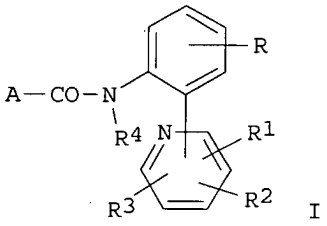


I

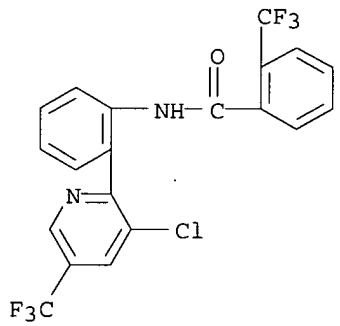
AB Novel pyridinylanilides (I, where R = H, F, Cl, Me, or CF3; R1, R2, R3 = independently H, halo, CN, thiocarbamoyl (un)branched alkyl, etc.; R4 = H, C1-8 alkyl, C1-6 alkylsulfinyl, etc.; A = (hetero)cyclic ring) are mixed with extenders and(or) surfactants to prepare conpns. useful for controlling unwanted microorganisms. Five processes for preparing the pyridinylanilides are claimed. Thus, N-{2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]phenyl}-2-(trifluoromethyl)benzamide, prepared by reacting N-(2-iodophenyl)-2-(trifluoromethyl)benzamide and 2-bromo-3-chloro-5-(trifluoromethyl)pyridine in the presence of bis(pinacolato)diboron and a Pd catalyst, showed 100% efficacy in protecting apple from the mildew pathogen Podosphaera leucotricha.

Updated Search

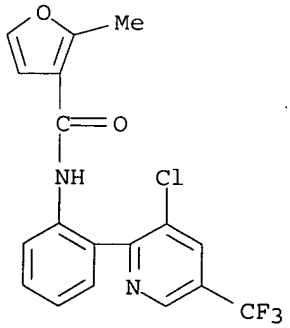
STN

IT 824952-35-4P 824952-36-5P 824952-38-7P
824952-39-8P 824952-42-3P 824952-43-4P
824952-45-6P 824952-46-7P 824952-47-8P
824952-48-9P 824952-50-3P 824952-51-4P
824952-52-5P 824952-53-6P 824952-54-7P
824952-55-8P 824952-56-9P 824952-57-0P
824952-60-5P 824952-61-6P 824952-63-8P
824952-64-9P 824952-66-1P 824952-67-2P
824952-68-3P 824952-70-7P 824952-72-9P
824952-75-2P 824952-76-3P 824952-77-4P
824952-78-5P 824952-86-5P 824952-87-6P
824952-88-7P 824952-89-8P 824952-91-2P
824952-92-3P 824952-94-5P 824952-95-6P
824952-96-7P 824952-97-8P 824952-99-0P
824953-00-6P 824953-02-8P 824953-03-9P
824953-04-0P 824953-05-1P 824953-07-3P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation and antimicrobial activity against plant pathogens of)

RN 824952-35-4 HCAPLUS
CN Benzamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]phenyl]-2-(trifluoromethyl)- (CA INDEX NAME)



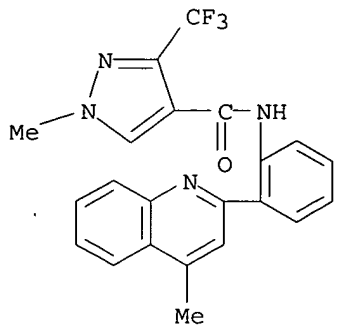
RN 824952-36-5 HCAPLUS
CN 3-Furancarboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]phenyl]-2-methyl- (CA INDEX NAME)



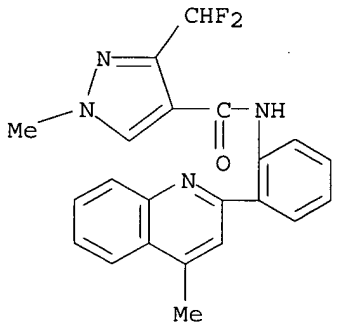
Updated Search

STN

RN 824952-38-7 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[2-(4-methyl-2-quinolinyl)phenyl]-3-(trifluoromethyl)- (CA INDEX NAME)



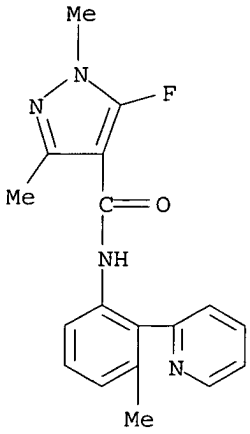
RN 824952-39-8 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[2-(4-methyl-2-quinolinyl)phenyl]- (CA INDEX NAME)



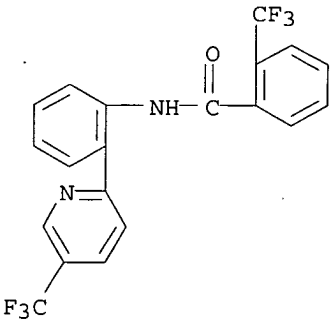
RN 824952-42-3 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[3-methyl-2-(2-pyridinyl)phenyl]- (CA INDEX NAME)

Updated Search

STN



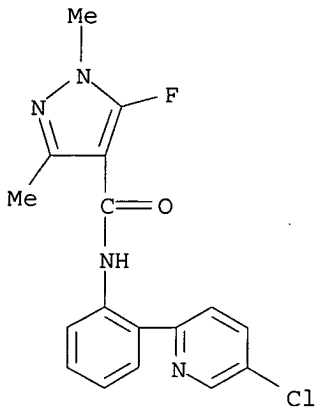
RN 824952-43-4 HCAPLUS
CN Benzamide, 2-(trifluoromethyl)-N-[2-[5-(trifluoromethyl)-2-pyridinyl]phenyl]- (CA INDEX NAME)



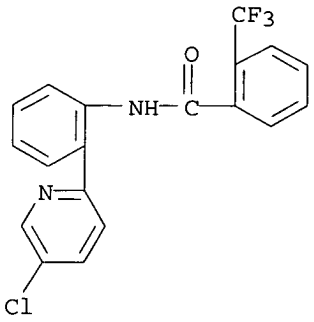
RN 824952-45-6 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-(5-chloro-2-pyridinyl)phenyl]-5-fluoro-1,3-dimethyl- (CA INDEX NAME)

Updated Search

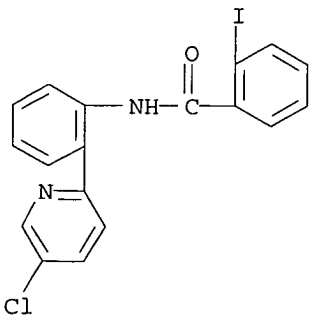
STN



RN 824952-46-7 HCAPLUS
CN Benzamide, N-[2-(5-chloro-2-pyridinyl)phenyl]-2-(trifluoromethyl)- (CA INDEX NAME)



RN 824952-47-8 HCAPLUS
CN Benzamide, N-[2-(5-chloro-2-pyridinyl)phenyl]-2-iodo- (CA INDEX NAME)

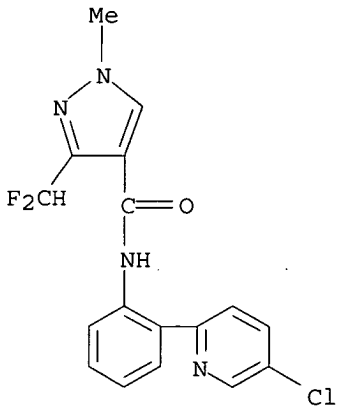


RN 824952-48-9 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-(5-chloro-2-pyridinyl)phenyl]-3-

Updated Search

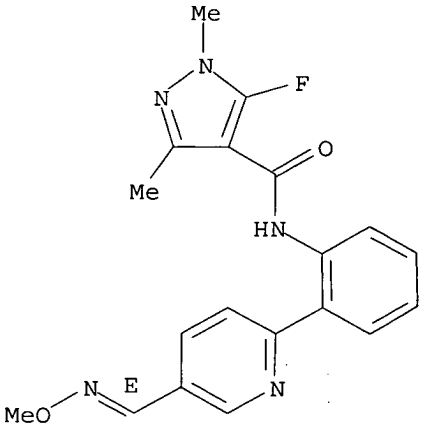
STN

(difluoromethyl)-1-methyl- (CA INDEX NAME)



RN 824952-50-3 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-[2-[5-[(E)-(methoxyimino)methyl]-2-pyridinyl]phenyl]-1,3-dimethyl- (CA INDEX NAME)

Double bond geometry as shown.

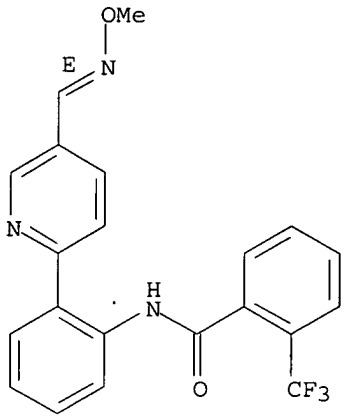


RN 824952-51-4 HCAPLUS
CN Benzamide, N-[2-[5-[(E)-(methoxyimino)methyl]-2-pyridinyl]phenyl]-2-(trifluoromethyl)- (CA INDEX NAME)

Double bond geometry as shown.

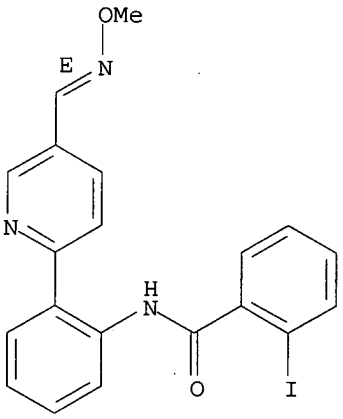
Updated Search

STN



RN 824952-52-5 HCAPLUS
CN Benzamide, 2-iodo-N-[2-[5-[(E)-(methoxyimino)methyl]-2-pyridinyl]phenyl]-
(CA INDEX NAME)

Double bond geometry as shown.

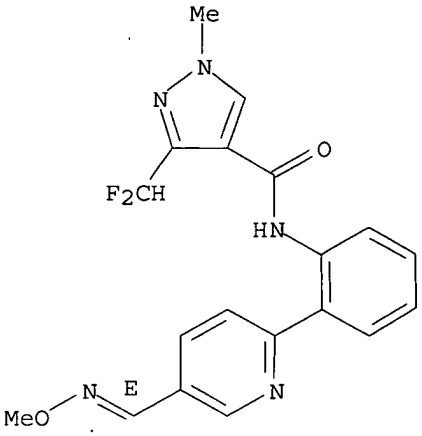


RN 824952-53-6 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[2-[5-[(E)-
(methoxyimino)methyl]-2-pyridinyl]phenyl]-1-methyl- (CA INDEX NAME)

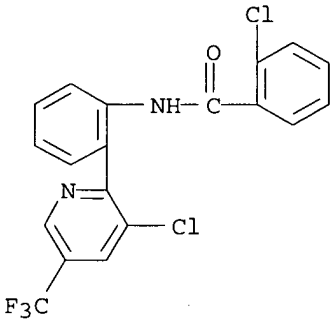
Double bond geometry as shown.

Updated Search

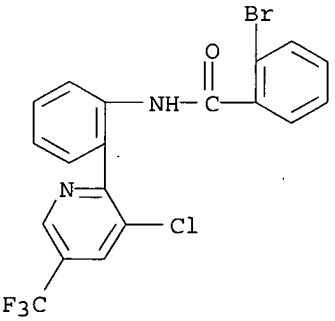
STN



RN 824952-54-7 HCAPLUS
CN Benzamide, 2-chloro-N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]phenyl]-
(CA INDEX NAME)



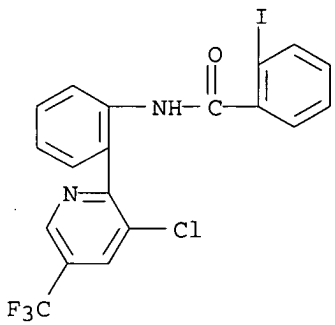
RN 824952-55-8 HCAPLUS
CN Benzamide, 2-bromo-N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]phenyl]-
(CA INDEX NAME)



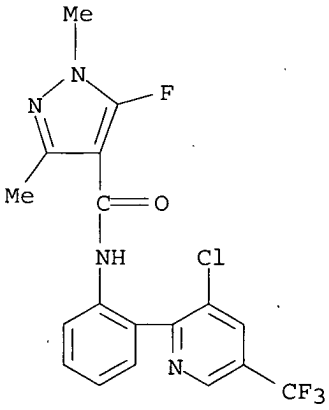
Updated Search

STN

RN 824952-56-9 HCAPLUS
CN Benzamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]phenyl]-2-iodo- (CA INDEX NAME)



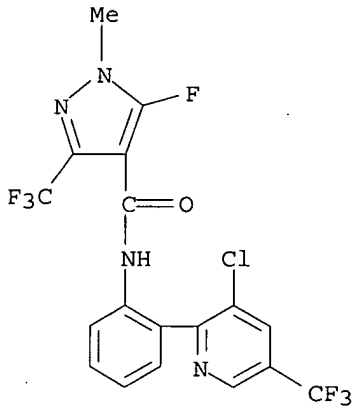
RN 824952-57-0 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]phenyl]-5-fluoro-1,3-dimethyl- (CA INDEX NAME)



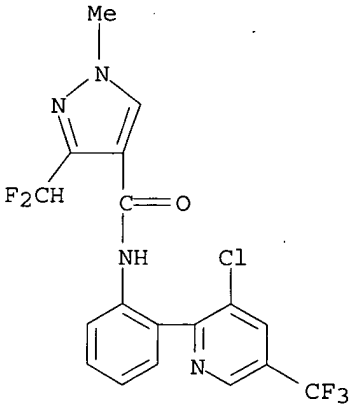
RN 824952-60-5 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]phenyl]-5-fluoro-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)

Updated Search

STN



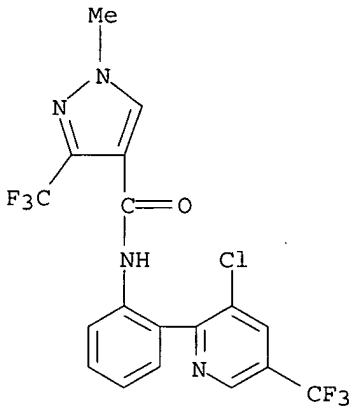
RN 824952-61-6 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]phenyl]-3-(difluoromethyl)-1-methyl- (CA INDEX NAME)



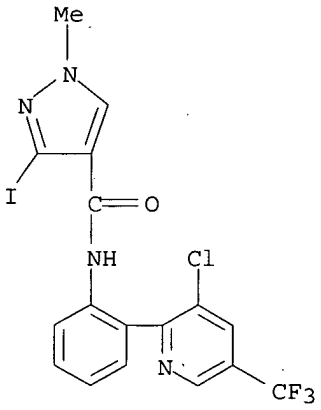
RN 824952-63-8 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]phenyl]-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)

Updated Search

STN



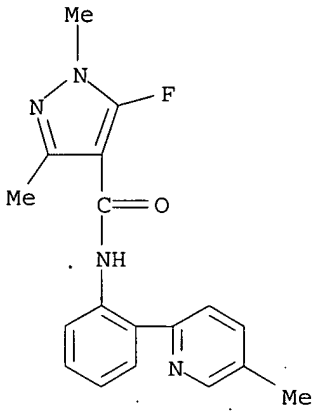
RN 824952-64-9 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]phenyl]-3-iodo-1-methyl- (CA INDEX NAME)



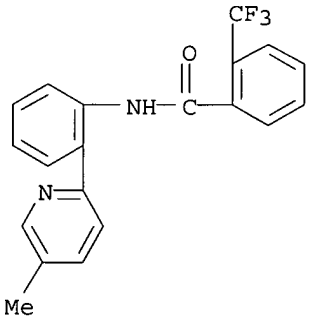
RN 824952-66-1 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(5-methyl-2-pyridinyl)phenyl]- (CA INDEX NAME)

Updated Search

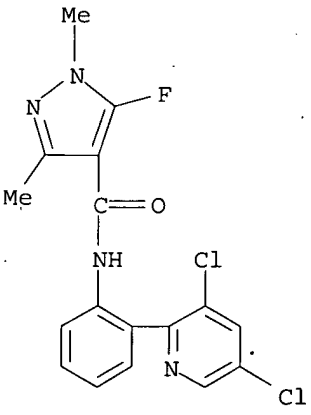
STN



RN 824952-67-2 HCAPLUS
CN Benzamide, N-[2-(5-methyl-2-pyridinyl)phenyl]-2-(trifluoromethyl)- (CA INDEX NAME)



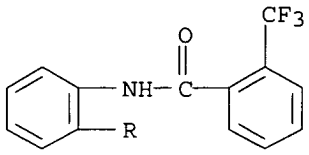
RN 824952-68-3 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-(3,5-dichloro-2-pyridinyl)phenyl]-5-fluoro-1,3-dimethyl- (CA INDEX NAME)

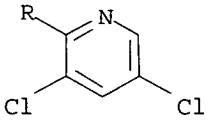


Updated Search

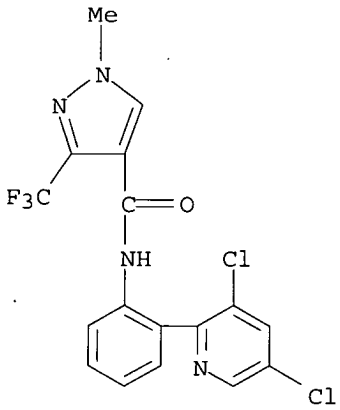
STN

RN 824952-70-7 HCAPLUS
CN Benzamide, N-[2-(3,5-dichloro-2-pyridinyl)phenyl]-2-(trifluoromethyl)- (CA INDEX NAME)





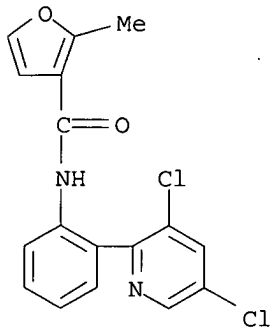
RN 824952-72-9 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-(3,5-dichloro-2-pyridinyl)phenyl]-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)



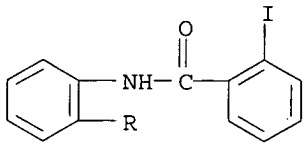
RN 824952-75-2 HCAPLUS
CN 3-Furancarboxamide, N-[2-(3,5-dichloro-2-pyridinyl)phenyl]-2-methyl- (CA INDEX NAME)

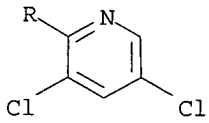
Updated Search

STN

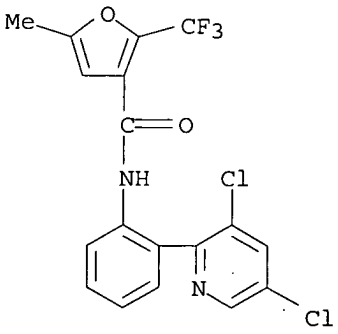


RN 824952-76-3 HCAPLUS
CN Benzamide, N-[2-(3,5-dichloro-2-pyridinyl)phenyl]-2-iodo- (CA INDEX NAME)





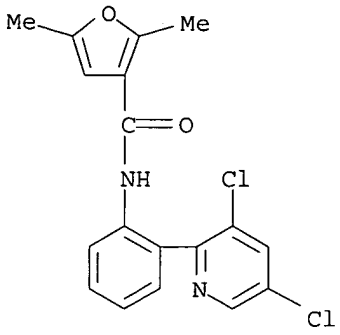
RN 824952-77-4 HCAPLUS
CN 3-Furancarboxamide, N-[2-(3,5-dichloro-2-pyridinyl)phenyl]-5-methyl-2-(trifluoromethyl)- (CA INDEX NAME)



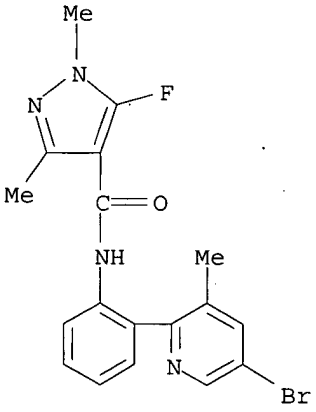
RN 824952-78-5 HCAPLUS
CN 3-Furancarboxamide, N-[2-(3,5-dichloro-2-pyridinyl)phenyl]-2,5-dimethyl- (CA INDEX NAME)

Updated Search

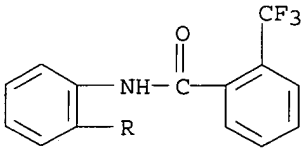
STN

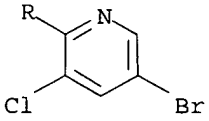


RN 824952-86-5 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-(5-bromo-3-methyl-2-pyridinyl)phenyl]-5-fluoro-1,3-dimethyl- (CA INDEX NAME)



RN 824952-87-6 HCAPLUS
CN Benzamide, N-[2-(5-bromo-3-chloro-2-pyridinyl)phenyl]-2-(trifluoromethyl)- (CA INDEX NAME)

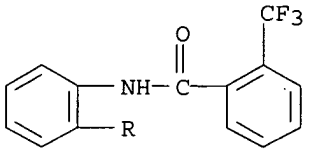


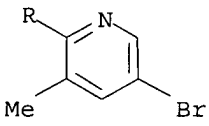


Updated Search

STN

RN 824952-88-7 HCAPLUS
CN Benzamide, N-[2-(5-bromo-3-methyl-2-pyridinyl)phenyl]-2-(trifluoromethyl)-
(CA INDEX NAME)





RN 824952-89-8 HCAPLUS
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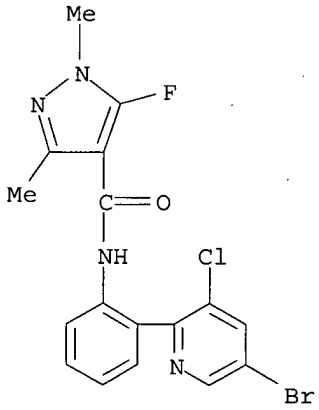
fluoro-1,3-dimethyl- (CA INDEX NAME)



RN 824952-91-2 HCAPLUS
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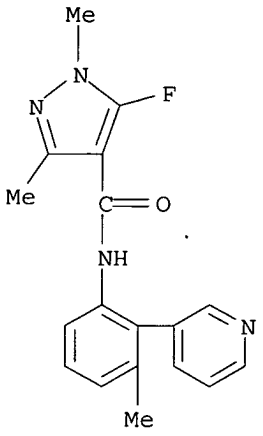
Updated Search

STN



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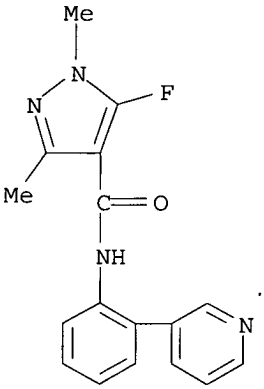

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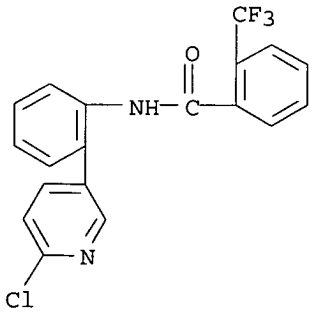

Updated Search

STN

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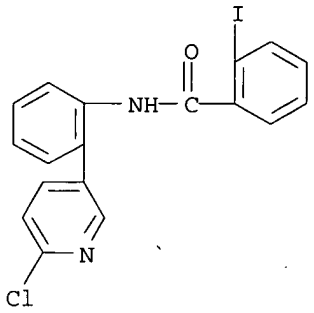

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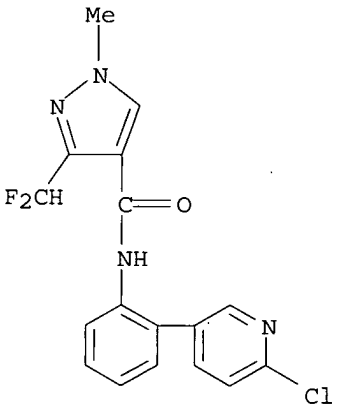

RN 824952-97-8 HCAPLUS
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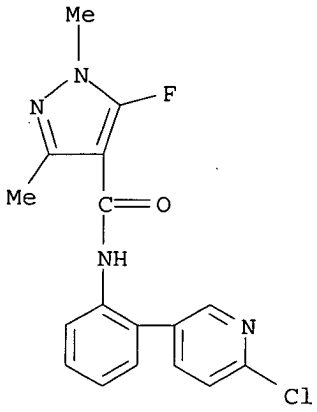
Updated Search

STN



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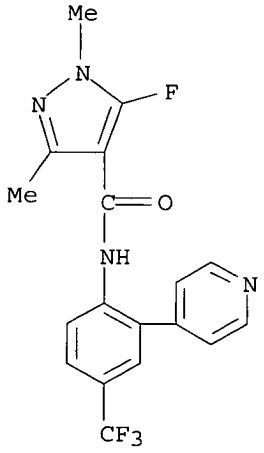

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Updated Search

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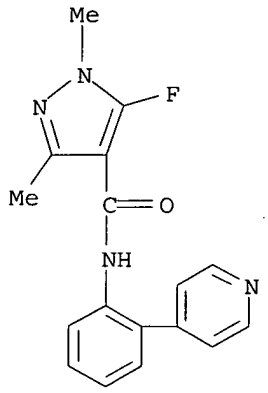

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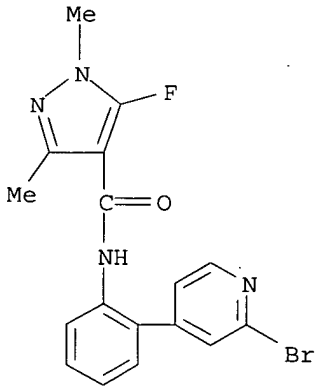

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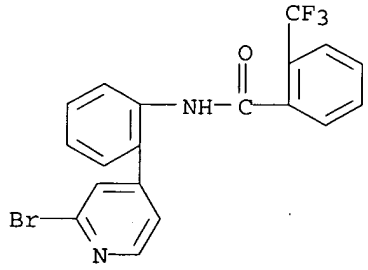

RN 824953-04-0 HCAPLUS
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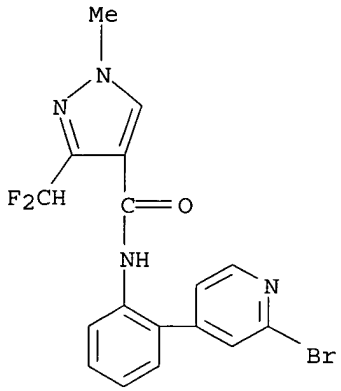
Updated Search

(difluoromethyl)-1-methyl- (CA INDEX NAME)



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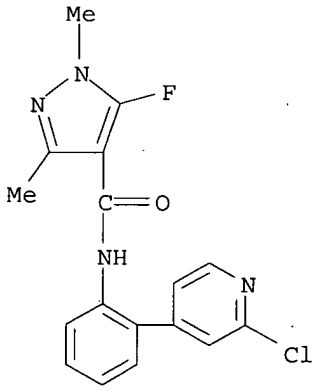

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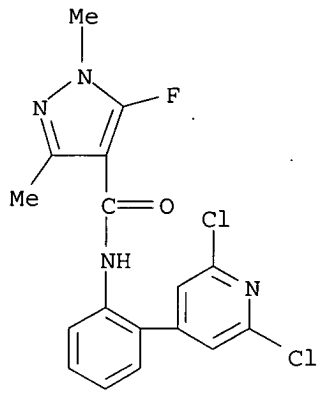
STN

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L3             2 S L1 FULL

     FILE 'HCAPLUS' ENTERED AT 12:47:08 ON 09 FEB 2009
L4             1 S L3

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L10  ANSWER 1 OF 24  HCAPLUS  COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:         2008:1383578  HCAPLUS
DOCUMENT NUMBER:          149:555088
TITLE:                    The Friedlander synthesis of quinolines
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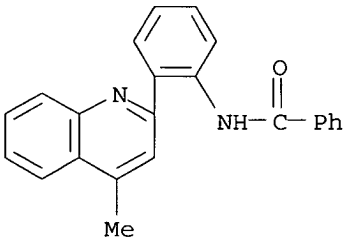
Updated Search

STN

AUTHOR(S): Cheng, Chia-Chung; Yan, Shou-Jen
CORPORATE SOURCE: Univ. Kansas Med. Center, Kansas City, KS, USA
SOURCE: Organic Reactions (Hoboken, NJ, United States) (1982), 28, No pp. given
CODEN: ORHNBA
URL: http://www3.interscience.wiley.com/cgi-bin/mrwhome/107610747/HOME
PUBLISHER: John Wiley & Sons, Inc.
DOCUMENT TYPE: Journal; General Review; (online computer file)
LANGUAGE: English
OTHER SOURCE(S): CASREACT 149:555088
AB A review of the article The Friedlander synthesis of quinolines.
IT 64704-62-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(The Friedlander synthesis of quinolines)
RN 64704-62-7 HCAPLUS
CN Benzamide, N-[2-(4-methyl-2-quinolinyl)phenyl]- (CA INDEX NAME)



L10 ANSWER 2 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2007:171909 HCAPLUS
DOCUMENT NUMBER: 146:251843
TITLE: Preparation of benzimidazole derivatives as sirtuin modulators
INVENTOR(S): Nunes, Joseph J.; Milne, Jill; Bemis, Jean; Xie, Roger; Vu, Chi B.; Ng, Pui Yee; Disch, Jeremy S.
PATENT ASSIGNEE(S): Sirtris Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 593pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 9
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007019416	A1	20070215	WO 2006-US30660	20060804

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

Updated Search

STN

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM						
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EP 1909910		A1	20080416	EP 2006-789500		20060804
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CN 101282761		A	20081008	CN 2006-80037033		20080403
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				US 2006-779370P	P	20060303
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OTHER SOURCE(S): MARPAT 146:251843

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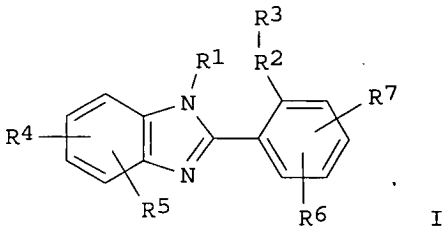

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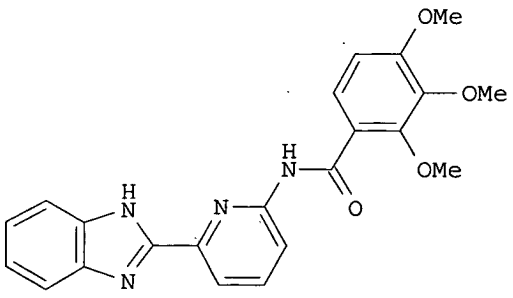


II

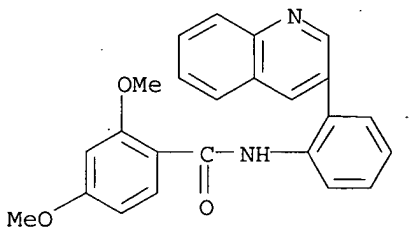
AB The title compds. I [R1, R4, R6 = H or (un)substituted alkyl; R2 = (un)substituted NHCO, NHSO2, NHCONH, etc.; R3 = (un)substituted monocyclic or bicyclic (hetero)aryl; R5, R7 = H or solubilizing group; with provisos] and their analogs which are novel sirtuin-modulating compds. useful for

Updated Search

increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity, were prepared E.g., a 2-step synthesis of II, starting from 1,2-diaminobenzene and 6-aminopyridine-2-carboxylic acid, was given. Exemplified compds. I were tested for sirtuin modulating activity (data given). Also provided are compns. comprising a sirtuin-modulating compound in combination with another therapeutic agent.

IT 925434-32-8P 925434-33-9P 925434-34-0P
925434-35-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of substituted benzimidazoles and analogs as sirtuin modulators useful in treatment and prevention of diseases)

RN 925434-32-8 HCAPLUS
CN Benzamide, 2,4-dimethoxy-N-[2-(3-quinolinyl)phenyl]- (CA INDEX NAME)



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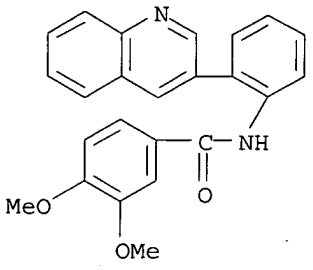

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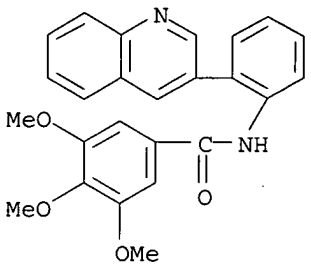

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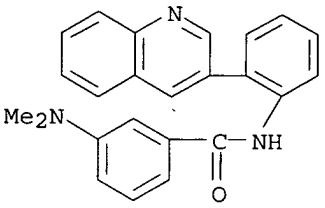

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2007:171908 HCAPLUS
DOCUMENT NUMBER: 146:274369
TITLE: Preparation of oxazolopyridine derivatives as sirtuin modulators
INVENTOR(S): Nunes, Joseph J.; Milne, Jill; Bemis, Jean; Xie, Roger; Vu, Chi B.; Ng, Pui Yee; Disch, Jeremy S.; Salzmann, Thomas; Armistead, David
PATENT ASSIGNEE(S): Sirtris Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 579pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 9
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007019417	A1	20070215	WO 2006-US30661	20060804

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RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,

Updated Search

IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
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OTHER SOURCE(S): MARPAT 146:274369

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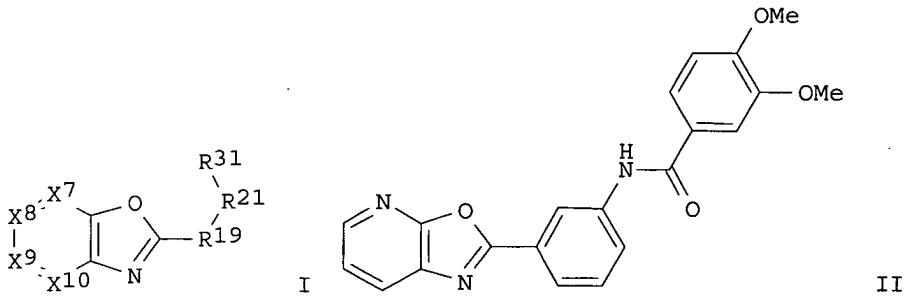


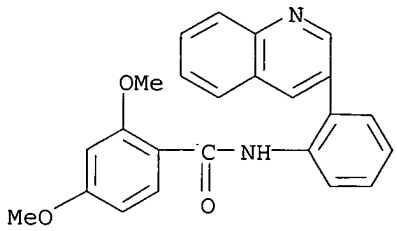
I II

AB The title compds. I [X7-X10 = N, CR20, CR22 (wherein R20 = H or solubilizing group; R22 = H, (un)substituted alkyl; one of X7-X10 = N and the others = CR20 or CR22; zero to one R20 is solubilizing group); R19 = 1,2-phenylene, pyridylene, 5-6 membered (hetero)arylene; R21 = (un)substituted NHCO, NHSO2, NHCONH, etc.; R31 = (un)substituted monocyclic or bicyclic (hetero)aryl; with provisos] and their analogs which are novel sirtuin-modulating compds. useful for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity, were prepared E.g., a 3-step synthesis of II, starting from 2-chloropyridin-3-amine and 3-nitrobenzoyl chloride, was given. Exemplified compds. I were tested for sirtuin modulating activity (data given). Also provided are compns. comprising a sirtuin-modulating compound in combination with another therapeutic agent.

STN

IT 925434-32-8P 925434-33-9P 925434-34-0P
925434-35-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of substituted oxazolopyridines and analogs as sirtuin modulators useful in treatment and prevention of diseases)

RN 925434-32-8 HCAPLUS
CN Benzamide, 2,4-dimethoxy-N-[2-(3-quinolinyl)phenyl]- (CA INDEX NAME)



RN 925434-33-9 HCAPLUS
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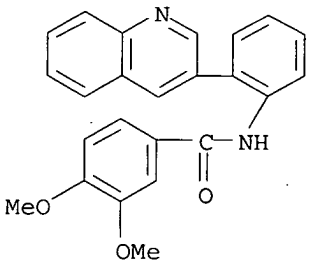

RN 925434-34-0 HCAPLUS
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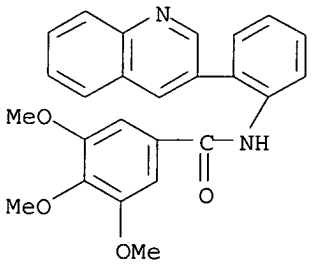
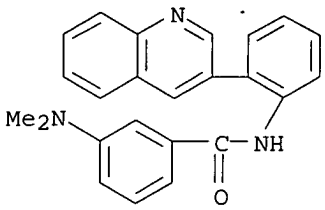


RN 925434-35-1 HCAPLUS
CN Benzamide, 3-(dimethylamino)-N-[2-(3-quinolinyl)phenyl]- (CA INDEX NAME)

Updated Search

STN



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 4 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2007:171907 HCAPLUS
DOCUMENT NUMBER: 146:274368
TITLE: Preparation of imidazopyridine derivatives as sirtuin modulators
INVENTOR(S): Nunes, Joseph J.; Milne, Jill; Bemis, Jean; Xie, Roger; Vu, Chi B.; Ng, Pui Yee; Disch, Jeremy S.
PATENT ASSIGNEE(S): Sirtris Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 576pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 9
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007019345	A1	20070215	WO 2006-US30511	20060804
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2006278504	A1	20070215	AU 2006-278504	20060804
CA 2618368	A1	20070215	CA 2006-2618368	20060804
US 20070037827	A1	20070215	US 2006-499239	20060804
US 20070037809	A1	20070215	US 2006-499876	20060804
US 20070037810	A1	20070215	US 2006-499901	20060804
US 20070037865	A1	20070215	US 2006-499920	20060804
US 20070043050	A1	20070222	US 2006-499919	20060804
US 7345178	B2	20080318		
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R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				

Updated Search

STN

JP 2009503113	T	20090129	JP 2008-525241		20060804
CN 101282974	A	20081008	CN 2006-80036971		20080403
PRIORITY APPLN. INFO.:			US 2005-705612P	P	20050804
			US 2005-741783P	P	20051202
			US 2006-779370P	P	20060303
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			WO 2006-US30511	W	20060804

OTHER SOURCE(S): MARPAT 146:274368

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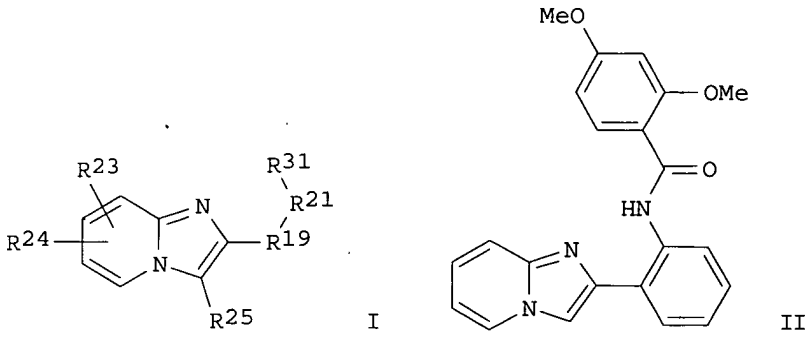


AB The title compds. I [R23, R24 = H, Me or solubilizing agent; R25 = H or solubilizing agent; R19 = 1,2-phenylene, 5-membered heteroarylene; R21 = (un)substituted NHCO, NHSO2, NHCONH, etc.; R31 = (un)substituted monocyclic or bicyclic (hetero)aryl; with provisos] and their analogs which are novel sirtuin-modulating compds. useful for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity, were prepared E.g., a 3-step synthesis of II, starting from 2-bromo-2'-nitroacetophenone and 2-aminopyridine, was given. Exemplified compds. I were tested for sirtuin modulating activity (data given). Also provided are compns. comprising a sirtuin-modulating compound in combination with another therapeutic agent.

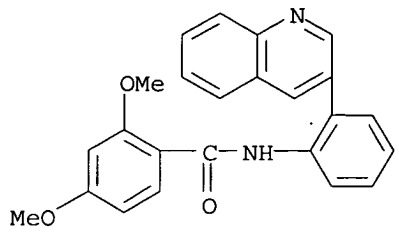
IT 925434-32-8P 925434-33-9P 925434-34-0P
925434-35-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of substituted imidazopyridines and analogs as sirtuin modulators useful in treatment and prevention of diseases)

RN 925434-32-8 HCAPLUS

CN Benzamide, 2,4-dimethoxy-N-[2-(3-quinolinyl)phenyl]- (CA INDEX NAME)

Updated Search

STN



RN 925434-33-9 HCAPLUS
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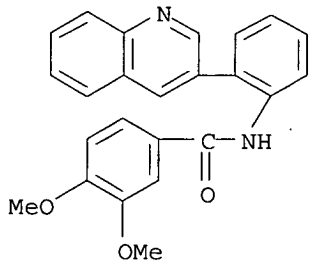

RN 925434-34-0 HCAPLUS
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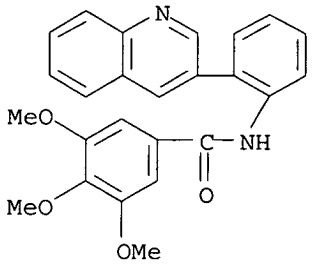

RN 925434-35-1 HCAPLUS
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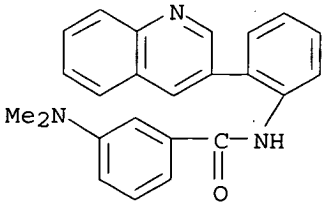

Updated Search

STN

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 5 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2007:171906 HCAPLUS
DOCUMENT NUMBER: 146:274349
TITLE: Preparation of benzothiazoles and thiazolopyridines as sirtuin modulators
INVENTOR(S): Nunes, Joseph J.; Milne, Jill; Bemis, Jean; Xie, Roger; Vu, Chi B.; Ng, Pui Yee; Disch, Jeremy S.; Salzmann, Thomas; Armistead, David
PATENT ASSIGNEE(S): Sirtris Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 574pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 9
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007019346	A1	20070215	WO 2006-US30512	20060804
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2006278505	A1	20070215	AU 2006-278505	20060804
CA 2618360	A1	20070215	CA 2006-2618360	20060804
US 20070037827	A1	20070215	US 2006-499239	20060804
US 20070037809	A1	20070215	US 2006-499876	20060804
US 20070037810	A1	20070215	US 2006-499901	20060804
US 20070037865	A1	20070215	US 2006-499920	20060804
US 20070043050	A1	20070222	US 2006-499919	20060804
US 7345178	B2	20080318		
EP 1910385	A1	20080416	EP 2006-789433	20060804
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
JP 2009503114	T	20090129	JP 2008-525242	20060804
CN 101316853	A	20081203	CN 2006-80036857	20080403

PRIORITY APPLN. INFO.:		
US 2005-705612P	P	20050804
US 2005-741783P	P	20051202
US 2006-779370P	P	20060303
US 2006-792276P	P	20060414
WO 2006-US30512	W	20060804

OTHER SOURCE(S): MARPAT 146:274349
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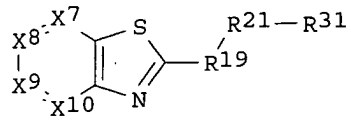
Updated Search



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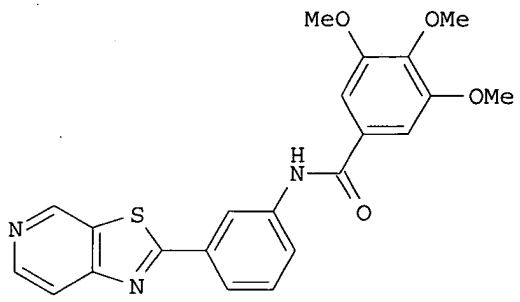

II

AB The title compds. I [X7-X10 = N, CR20 or CR11 (wherein R20 = H or solubilizing group; R11 = H, (un)substituted alkyl); R19 = phenylene, pyridylene, etc.; R21 = (un)substituted NHCO, NHSO2, NHCONH, etc.; R31 = (un)substituted monocyclic or bicyclic (hetero)aryl; with proviso] and their analogs which are novel sirtuin-modulating compds. useful for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity, were prepared E.g., a multi-step synthesis of II, starting from 4-aminopyridin-3-yl diisopropylcarbamodithioate and 3-nitrobenzoyl chloride, was given. Exemplified compds. I were tested for sirtuin modulating activity (data given). Also provided are compns. comprising a sirtuin-modulating compound in combination with another therapeutic agent.

IT 925434-32-8P 925434-33-9P 925434-34-0P
925434-35-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzothiazoles and thiazolopyridines as sirtuin modulators useful in treatment and prevention of diseases)

RN 925434-32-8 HCAPLUS

CN Benzamide, 2,4-dimethoxy-N-[2-(3-quinolinyl)phenyl]- (CA INDEX NAME)

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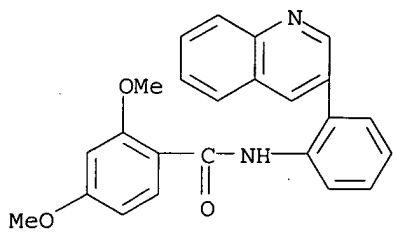

RN 925434-33-9 HCAPLUS
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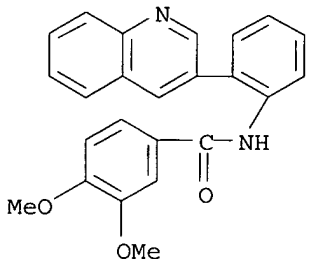

RN 925434-34-0 HCAPLUS
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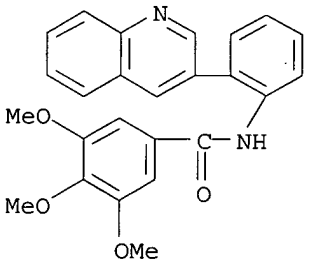

RN 925434-35-1 HCAPLUS
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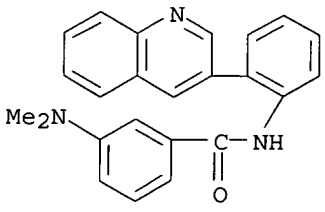

Updated Search

STN

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 6 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2007:171905 HCAPLUS
DOCUMENT NUMBER: 146:274367
TITLE: Preparation of imidazo[2,1-b]thiazole derivatives as sirtuin modulators
INVENTOR(S): Nunes, Joseph J.; Milne, Jill; Bemis, Jean; Xie, Roger; Vu, Chi B.; Ng, Pui Yee; Disch, Jeremy S.
PATENT ASSIGNEE(S): Sirtris Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 581pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 9
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007019344	A1	20070215	WO 2006-US30510	20060804
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2006278503	A1	20070215	AU 2006-278503	20060804
CA 2617532	A1	20070215	CA 2006-2617532	20060804
US 20070037827	A1	20070215	US 2006-499239	20060804
US 20070037809	A1	20070215	US 2006-499876	20060804
US 20070037810	A1	20070215	US 2006-499901	20060804
US 20070037865	A1	20070215	US 2006-499920	20060804
US 20070043050	A1	20070222	US 2006-499919	20060804
US 7345178	B2	20080318		
EP 1910384	A1	20080416	EP 2006-789431	20060804
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
JP 2009503112	T	20090129	JP 2008-525240	20060804
CN 101277965	A	20081001	CN 2006-80036855	20080403

PRIORITY APPLN. INFO.:	US 2005-705612P	P 20050804
	US 2005-741783P	P 20051202
	US 2006-779370P	P 20060303
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	WO 2006-US30510	W 20060804

OTHER SOURCE(S): MARPAT 146:274367
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Updated Search

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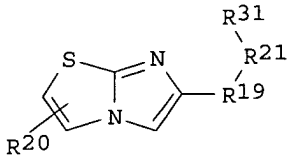

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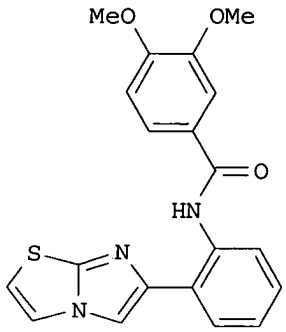


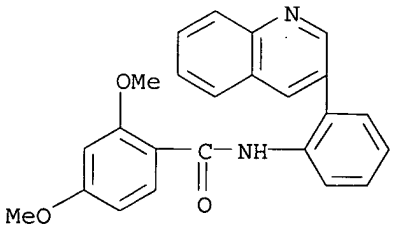
II

AB The title compds. I [R19 = 1,2-phenylene, 5-6 membered 1,2-heteroarylene; R20 = H or solubilizing group; R21 = (un)substituted NHCO, NHSO2, NHCONH, etc.; R31 = (un)substituted monocyclic or bicyclic (hetero)aryl; with provisos] and their analogs which are novel sirtuin-modulating compds. useful for increasing the lifespan of a cell, and treating and/or preventing a wide variety of diseases and disorders including, for example, diseases or disorders related to aging or stress, diabetes, obesity, neurodegenerative diseases, cardiovascular disease, blood clotting disorders, inflammation, cancer, and/or flushing as well as diseases or disorders that would benefit from increased mitochondrial activity, were prepared E.g., a 3-step synthesis of II, starting from 2-aminothiazole and 2-bromo-2'-nitroacetophenone, was given. Exemplified compds. I were tested for sirtuin modulating activity (data given). Also provided are compns. comprising a sirtuin-modulating compound in combination with another therapeutic agent.

IT 925434-32-8P 925434-33-9P 925434-34-0P
925434-35-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of substituted imidazo[2,1-b]thiazoles and analogs as sirtuin modulators useful in treatment and prevention of diseases)

RN 925434-32-8 HCAPLUS

CN Benzamide, 2,4-dimethoxy-N-[2-(3-quinolinyl)phenyl]- (CA INDEX NAME)

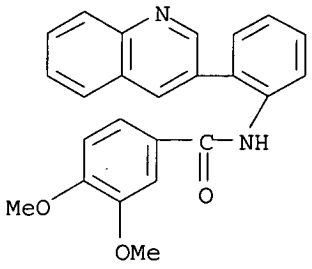


RN 925434-33-9 HCAPLUS

CN Benzamide, 3,4-dimethoxy-N-[2-(3-quinolinyl)phenyl]- (CA INDEX NAME)

Updated Search

STN



RN 925434-34-0 HCAPLUS
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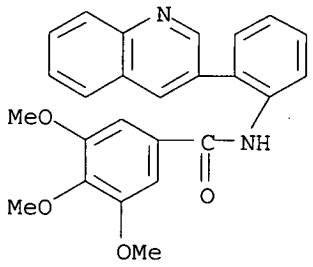
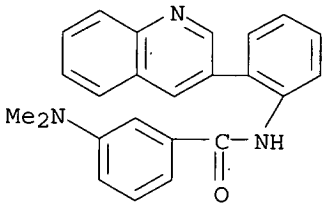


RN 925434-35-1 HCAPLUS
CN Benzamide, 3-(dimethylamino)-N-[2-(3-quinolinyl)phenyl]- (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 7 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2007:117802 HCAPLUS
DOCUMENT NUMBER: 146:200241
TITLE: Compositions containing amides and other pesticides for controlling pests and plant diseases
INVENTOR(S): Kawahara, Nobuyuki; Nomura, Michikazu; Daido, Hidenori
PATENT ASSIGNEE(S): Mitsui Chemicals, Inc., Japan
SOURCE: PCT Int. Appl., 193pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese

Updated Search

STN

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2007013150	A1	20070201	WO 2005-JP13728		20050727
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW					
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
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EP 1913815	A1	20080423	EP 2005-767151		20050727
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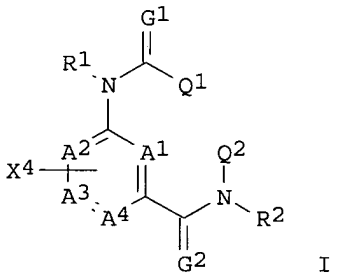
CN 101208009	A	20080625	CN 2005-80050277		20071226
MX 200800753	A	20080314	MX 2008-753		20080116
KR 2008033987	A	20080417	KR 2008-703736		20080215
IN 2008DN01392	A	20080801	IN 2008-DN1392		20080218
PRIORITY APPLN. INFO.:			WO 2005-JP13728	A	20050727

OTHER SOURCE(S): MARPAT 146:200241
GI



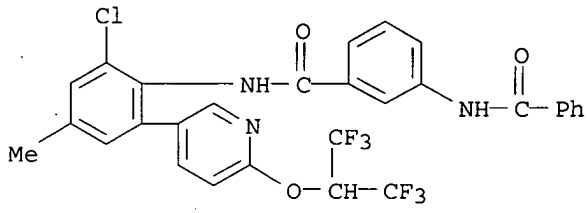
I

AB Compns. for efficiently controlling a pest that cannot be controlled or is difficult to control with specified pesticidal amides (I; A1-A4 = C, N, oxidized N; G1, G2 = O, S; R1, R2 = H, C1-4 alkyl; X = H, halo, CF3; Q1, Q2 = (un)substituted Ph, heterocyclyl) comprise, as active ingredients, ≥1 amide I and ≥1 other insecticide, acaricide, or microbicide. Thus, I (A1-A4 = C; G1, G2 = O; R1 = Me; R2 = H; X1 = F; X2-X4 = H; Q1 = Ph; Q2 = 2,6-dimethyl-4-(heptafluoroisopropyl)phenyl) + acephate at 3 + 250 ppm gave 100% control of green peach aphid (Myzus persicae) in a pot experiment with eggplant.

Updated Search

STN

IT 922147-76-0D, mixts. containing
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(compns. containing amides and other pesticides for controlling pests and plant diseases)
RN 922147-76-0 HCAPLUS
CN Benzamide, 3-(benzoylamino)-N-[2-chloro-4-methyl-6-[6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]phenyl]- (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 8 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2006:1250604 HCAPLUS
DOCUMENT NUMBER: 146:27850
TITLE: Preparation of thieno[2,3-b]pyridines as HSP90 modulators
INVENTOR(S): Eggenweiler, Hans-Michael; Wolf, Michael
PATENT ASSIGNEE(S): Merck Patent GmbH, Germany
SOURCE: PCT Int. Appl., 97pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006125531	A2	20061130	WO 2006-EP4426	20060511
WO 2006125531	A3	20070412		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
DE 102005024245	A1	20061130	DE 2005-102005024245	20050527
AU 2006251420	A1	20061130	AU 2006-251420	20060511
CA 2609385	A1	20061130	CA 2006-2609385	20060511
EP 1888593	A2	20080220	EP 2006-724792	20060511

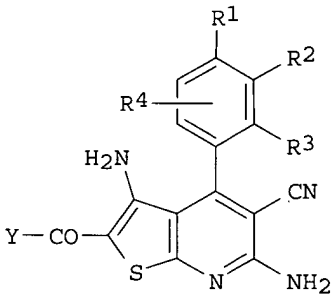
Updated Search

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR

JP 2008542213	T	20081127	JP 2008-512724		20060511
CN 101163707	A	20080416	CN 2006-80013825		20071024
MX 200714720	A	20080215	MX 2007-14720		20071123
IN 2007KN04835	A	20080215	IN 2007-KN4835		20071212
KR 2008021054	A	20080306	KR 2007-730243		20071226
PRIORITY APPLN. INFO.:			DE 2005-102005024245A		20050527
			WO 2006-EP4426	W	20060511

OTHER SOURCE(S): MARPAT 146:27850

GI



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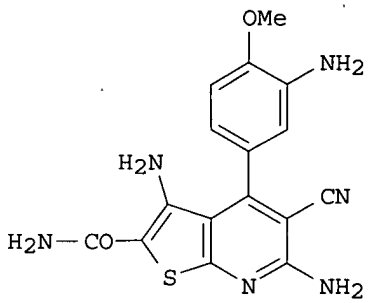
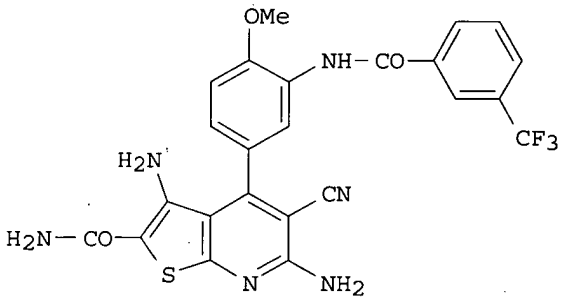


II



III

AB Title compds. I [Y = OH, SH, NH2, etc.; R1 = halo, OH, SH, etc.; R2, R3 = NHCO(X)s-Q, CONH(X)s-Q, NHCONH(X)s-Q, etc.; X = (un)substituted alkenyl with provisos; s = 0-1; R4 = H, halo, CN, etc.] and their pharmaceutically acceptable salts were prepared For example, N-acylation of amine II with 3-(trifluoromethyl)benzoyl chloride afforded claimed thieno[2,3-b]pyridine III. In HSP90 receptor binding assays, 4-examples of compds. I exhibited IC50 values ranging from 11-1.9x10-6 M.

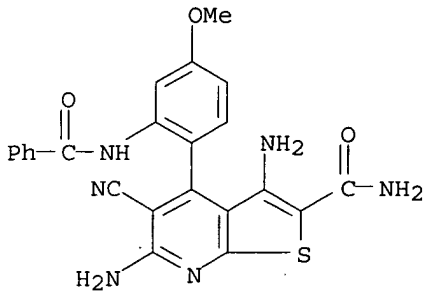
IT 916164-37-9P, 2-Aminocarbonyl-3,6-diamino-5-cyano-4-(4-methoxy-2-benzoylaminophenyl)thieno[2,3-b]pyridine
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of thieno[2,3-b]pyridines as HSP90 modulators)

RN 916164-37-9 HCAPLUS

CN Thieno[2,3-b]pyridine-2-carboxamide, 3,6-diamino-4-[2-(benzoylamino)-4-methoxyphenyl]-5-cyano- (CA INDEX NAME)

Updated Search

STN



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 9 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2006:733437 HCAPLUS
DOCUMENT NUMBER: 145:159864
TITLE: CTGF expression inhibitors containing benzanilide derivatives
INVENTOR(S): Seno, Kaoru; Shinosaki, Toshihiro; Hata, Satoshi; Yamada, Isamu; Sato, Hiroki; Kataoka, Mikayo
PATENT ASSIGNEE(S): Shionogi & Co., Ltd., Japan
SOURCE: PCT Int. Appl., 152 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

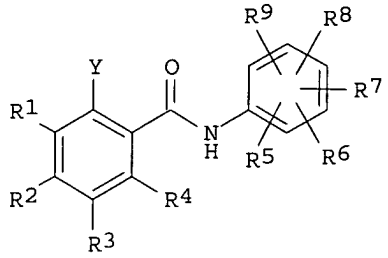
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006077901	A1	20060727	WO 2006-JP300684	20060119
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
EP 1839655	A1	20071003	EP 2006-711930	20060119
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
US 20080167347	A1	20080710	US 2007-795533	20070718
PRIORITY APPLN. INFO.:			JP 2005-12529 A	20050120
			WO 2006-JP300684 W	20060119
			WO 2006-JP684 W	20060119

OTHER SOURCE(S): MARPAT 145:159864

Updated Search

STN

GI



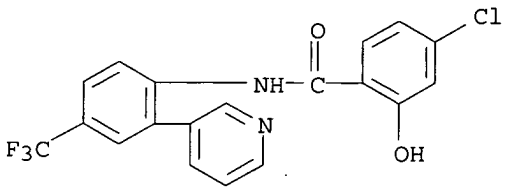
I

AB Disclosed is a connective tissue growth factor (CTGF) expression inhibitor containing a compound represented by the formula I, a pharmaceutically acceptable salt thereof or a solvate of them as an active constituent. , wherein Y represents a hydroxy or a group represented by the following formula: -NH-SO2-Y' (wherein Y' represents an optionally substituted aryl or an optionally substituted alkyl); and R1-R9 independently represent a hydrogen, a halogen, an optionally substituted alkyl group, an optionally substituted alkoxy group or the like.

IT 900146-84-1P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(connective tissue growth factor expression inhibitors containing benzanilide derivs.)

RN 900146-84-1 HCAPLUS

CN Benzamide, 4-chloro-2-hydroxy-N-[2-(3-pyridinyl)-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)



REFERENCE COUNT: 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 10 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2006:167754 HCAPLUS
DOCUMENT NUMBER: 144:254156
TITLE: Preparation of heterocyclic condensed compounds useful as antidiuretic agents
INVENTOR(S): Pitt, Gary Robert William
PATENT ASSIGNEE(S): Ferring B.V., Neth.

Updated Search

STN

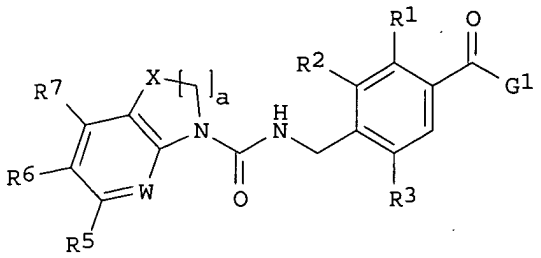
SOURCE: PCT Int. Appl., 85 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2006018443	A1	20060223	WO 2005-EP54081		20050818
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW					
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
EP 1627876	A1	20060222	EP 2004-104006		20040820
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR					
AU 2005273875	A1	20060223	AU 2005-273875		20050818
CA 2567782	A1	20060223	CA 2005-2567782		20050818
EP 1778677	A1	20070502	EP 2005-781746		20050818
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, HR					
CN 1968947	A	20070523	CN 2005-80019297		20050818
JP 2008509972	T	20080403	JP 2007-526462		20050818
IN 2006DN06342	A	20070831	IN 2006-DN6342		20061027
KR 2007027761	A	20070309	KR 2007-702387		20070130
KR 877336	B1	20090107			
MX 200701861	A	20070424	MX 2007-1861		20070215
US 20080234250	A1	20080925	US 2008-660207		20080516
PRIORITY APPLN. INFO.:			EP 2004-104006	A	20040820
			US 2004-602890P	P	20040820
			WO 2005-EP54081	W	20050818

OTHER SOURCE(S): CASREACT 144:254156; MARPAT 144:254156
GI

Updated Search

STN



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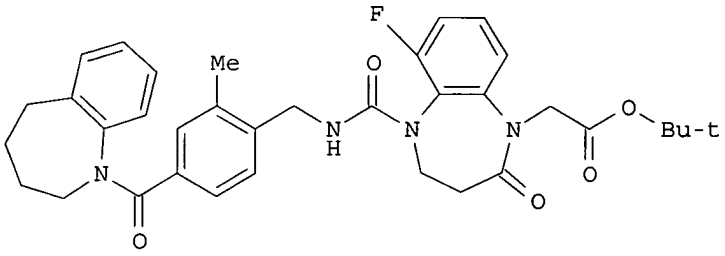


II

AB The title compds. I [W = N, CR4; X = O, S, C(O), etc.; G1 = bicyclic or tricyclic fused azepine; R1, R2 = H, halo, alkyl, etc.; R3 = H, alkyl; R4-R7 = H, halo, alkyl, etc.; a = 1-3] which are vasopressin V2 receptor agonists, were prepared and formulated. E.g., a multi-step synthesis of II, starting from 1,2-difluoro-3-nitrobenzene and β-alanine Me ester hydrochloride, was given. V2 receptor agonist activity was determined for all compds. and all the compds. I cause significant cellular activation at 30 μM or less. Pharmaceutical compns. of the compds. I are useful as antidiuretic agents.

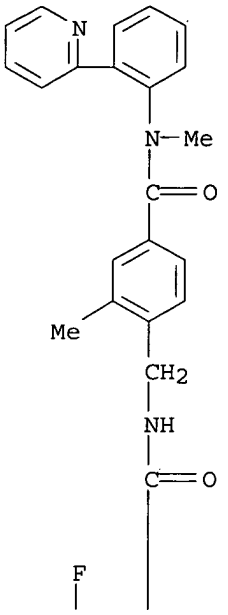
IT 877230-21-2P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of heterocyclic condensed compds. useful as antidiuretic agents)

RN 877230-21-2 HCAPLUS

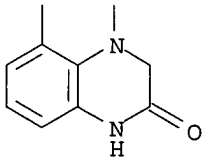
CN 1(2H)-Quinoxalinecarboxamide, 8-fluoro-3,4-dihydro-N-[[2-methyl-4-[[methyl[2-(2-pyridinyl)phenyl]amino]carbonyl]phenyl]methyl]-3-oxo- (CA INDEX NAME)

Updated Search

PAGE 1-A



PAGE 2-A



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

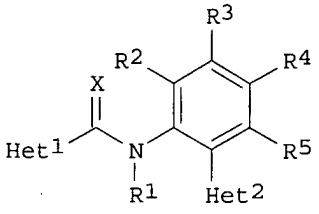
L10 ANSWER 11 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:1354818 HCAPLUS
DOCUMENT NUMBER: 144:88281
TITLE: Preparation of heterocyclic carboxamides with microbiocidal activity
INVENTOR(S): Lamberth, Clemens; Corsi, Camilla; Ehrenfreund, Josef; Tobler, Hans; Walter, Harald
PATENT ASSIGNEE(S): Syngenta Participations AG, Switz.
SOURCE: PCT Int. Appl., 152 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

STN

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2005123722	A1	20051229	WO 2005-EP6688		20050621
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW					
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
CA 2569592	A1	20051229	CA 2005-2569592		20050621
EP 1758894	A1	20070307	EP 2005-754746		20050621
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR					
CN 1972933	A	20070530	CN 2005-80020786		20050621
JP 2008503528	T	20080207	JP 2007-517182		20050621
BR 2005012328	A	20080226	BR 2005-12328		20050621
MX 2006014667	A	20070212	MX 2006-14667		20061214
US 20080132557	A1	20080605	US 2006-570796		20061218
KR 2007024629	A	20070302	KR 2006-726989		20061221
IN 2006CN04727	A	20070629	IN 2006-CN4727		20061222
PRIORITY APPLN. INFO.:			GB 2004-13970	A	20040622
			WO 2005-EP6688	W	20050621

OTHER SOURCE(S): CASREACT 144:88281; MARPAT 144:88281

GI



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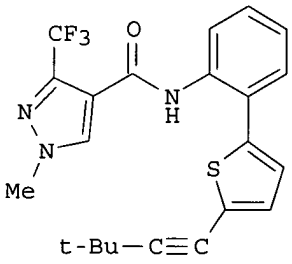


II

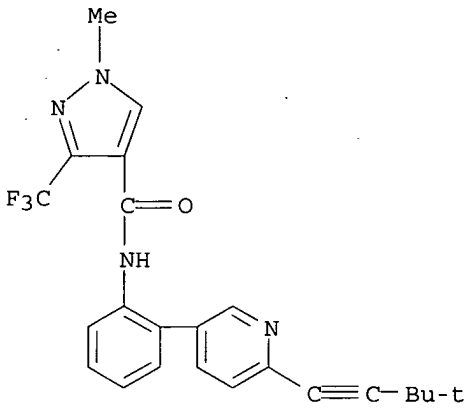
AB Title compds. I [Het1-2 = 5-6 membered heterocyclic ring; R1 = H, formyl, carboxyalkyl, etc.; R2-5 = H, halo, Me, CF3; X = O, S] are prepared For instance, II is prepared in 5 steps from 2-(tributylstannyl)thiophene, 1-iodo-2-nitrobenzene, 3,3-dimethyl-1-butyne and 1-methyl-3-trifluoromethyl-1H-pyrazole-4-carboxylic acid. II when applied to plants inoculated with P. recondita nearly completely prevented infestation (0-5%). I are suitable for use as microbiocides.

IT 872201-95-1P 872201-96-2P 872201-97-3P
872201-98-4P

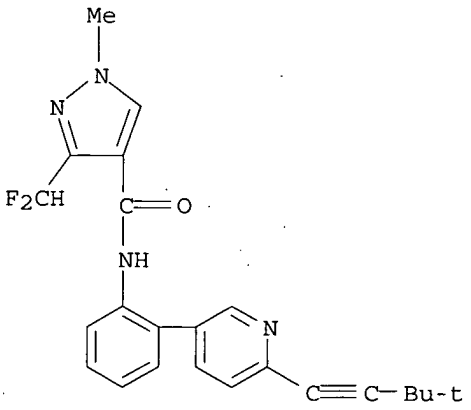
Updated Search

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of heterocyclic carboxamides with microbiocidal activity)

RN 872201-95-1 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[6-(3,3-dimethyl-1-butyn-1-yl)-3-pyridinyl]phenyl]-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)

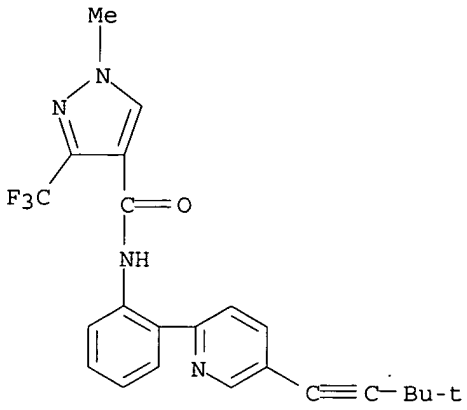


RN 872201-96-2 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[2-[6-(3,3-dimethyl-1-butyn-1-yl)-3-pyridinyl]phenyl]-1-methyl- (CA INDEX NAME)

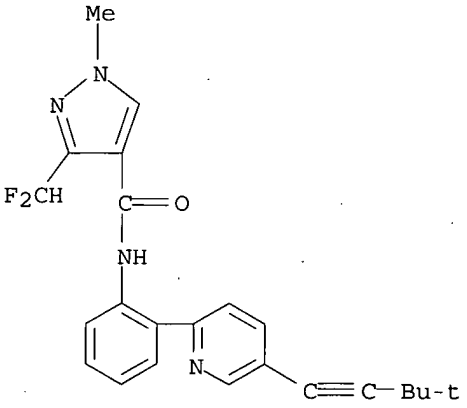


RN 872201-97-3 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, N-[2-[5-(3,3-dimethyl-1-butyn-1-yl)-2-pyridinyl]phenyl]-1-methyl-3-(trifluoromethyl)- (CA INDEX NAME)

STN



RN 872201-98-4 HCAPLUS
CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-N-[2-[5-(3,3-dimethyl-1-butyn-1-yl)-2-pyridinyl]phenyl]-1-methyl- (CA INDEX NAME)



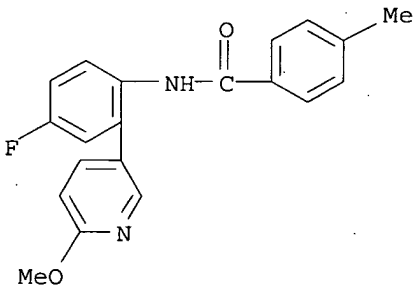
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 12 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2004:264063 HCAPLUS
DOCUMENT NUMBER: 140:423223
TITLE: Combinatorial Synthesis of Substituted Biaryls and Heterocyclic Arylamines
AUTHOR(S): Ma, Yao; Margarida, Laura; Brookes, Jeseca; Makara, Gergely M.; Berk, Scott C.
CORPORATE SOURCE: NeoGenesis Pharmaceuticals, Inc., Cambridge, MA, 02139, USA
SOURCE: Journal of Combinatorial Chemistry (2004), 6(3), 426-430
CODEN: JCCHFF; ISSN: 1520-4766
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal

Updated Search

STN

LANGUAGE: English
OTHER SOURCE(S): CASREACT 140:423223
AB In this paper, we report very general conditions that enable palladium-mediated coupling reactions on the solid support. A wide variety of biaryls and arylamines (including pyrimidines) have been synthesized using this protocol. The chemical facilitates a combinatorial approach to the production of large nos. of medicinally relevant heterocyclic structures.
IT 691858-51-2P
RL: CPN (Combinatorial preparation); CMBI (Combinatorial study); PREP (Preparation)
(combinatorial synthesis of substituted biaryls and heterocyclic arylamines via palladium-mediated coupling reactions on a solid support)
RN 691858-51-2 HCAPLUS
CN Benzamide, N-[4-fluoro-2-(6-methoxy-3-pyridinyl)phenyl]-4-methyl- (CA INDEX NAME)



REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 13 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2003:261572 HCAPLUS
DOCUMENT NUMBER: 138:267208
TITLE: Insecticidal compositions containing diamides
INVENTOR(S): Lahm, George Philip; Selby, Thomas Paul
PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA
SOURCE: PCT Int. Appl., 246 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003026415	A2	20030403	WO 2002-US29468	20020917
WO 2003026415	A3	20031030		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,

Updated Search

PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF,
CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2002334581	A1	20030407	AU 2002-334581		20020917
EP 1427705	A2	20040616	EP 2002-799589		20020917
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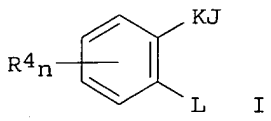
BR 2002012799	A	20040803	BR 2002-12799		20020917
CN 1555364	A	20041215	CN 2002-818247		20020917
CN 1298706	C	20070207			
JP 2005504084	T	20050210	JP 2003-530071		20020917
US 20040235959	A1	20041125	US 2004-485096		20040126
IN 2004MN00088	A	20050429	IN 2004-MN88		20040205
MX 2004002649	A	20040607	MX 2004-2649		20040319
PRIORITY APPLN. INFO.:			US 2001-324083P	P	20010921
			WO 2002-US29468	W	20020917

OTHER SOURCE(S): MARPAT 138:267208
GI



I

AB Compns. for controlling an invertebrate pest comprise a biol. effective amount of a compound I (Markush included), including all geometric and stereoisomers, N-oxides and agriculturally suitable salts thereof, and may optionally comprise addnl. components selected from the group consisting of surfactants, solid diluents and liquid diluents, and addnl. biol. active compds. or agents selected from the group consisting of pyrethroids, carbamates, neonicotinoids, neuronal sodium channel blockers, insecticidal macrocyclic lactones, γ-aminobutyric acid (GABA) antagonists, insecticidal ureas, juvenile hormone mimics, and biol. agents. such as Bacillus thuringiensis , Bt delta endotoxins, baculoviruses, entomopathogenic bacteria, viruses and fungi.

IT 1064347-80-3 1064347-87-0 1064347-88-1
1064347-89-2 1064347-90-5 1064347-91-6
1064347-92-7 1064348-17-9 1064348-25-9
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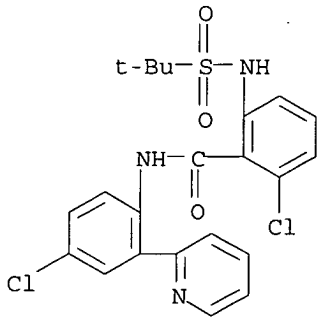
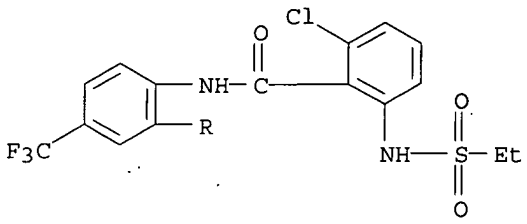
1064385-42-7
RL: PRPH (Prophetic)
(Insecticidal compositions containing diamides)

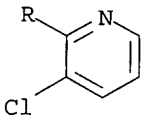
RN 1064347-80-3 HCAPLUS
CN Benzamide, 2-chloro-N-[4-chloro-2-(2-pyridinyl)phenyl]-6-[[(1,1-dimethylethyl)sulfonyl]amino]- (CA INDEX NAME)



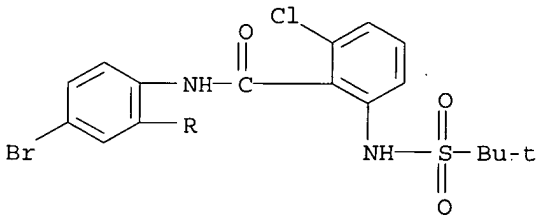
RN 1064347-87-0 HCAPLUS
CN Benzamide, 2-chloro-N-[2-(3-chloro-2-pyridinyl)-4-(trifluoromethyl)phenyl]-6-[(ethylsulfonyl)amino]- (CA INDEX NAME)

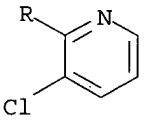
STN





RN 1064347-88-1 HCAPLUS
CN Benzamide, N-[4-bromo-2-(3-chloro-2-pyridinyl)phenyl]-2-chloro-6-[[(1,1-dimethylethyl)sulfonyl]amino]- (CA INDEX NAME)

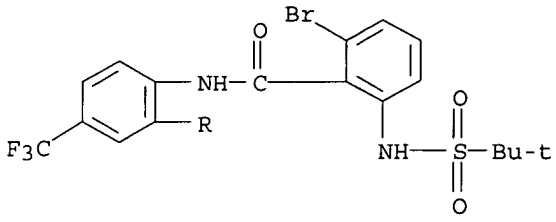


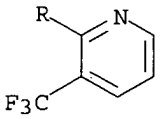


RN 1064347-89-2 HCAPLUS
CN Benzamide, 2-bromo-6-[[(1,1-dimethylethyl)sulfonyl]amino]-N-[4-(trifluoromethyl)-2-[3-(trifluoromethyl)-2-pyridinyl]phenyl]- (CA INDEX NAME)

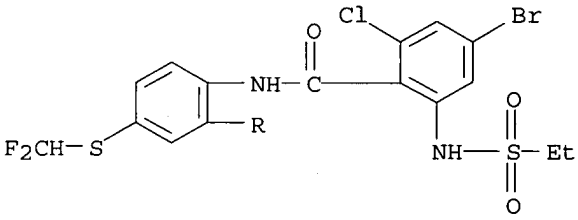
Updated Search

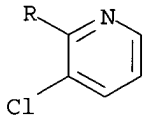
STN





RN 1064347-90-5 HCAPLUS
CN Benzamide, 4-bromo-2-chloro-N-[2-(3-chloro-2-pyridinyl)-4-[(difluoromethyl)thio]phenyl]-6-[(ethylsulfonyl)amino]- (CA INDEX NAME)

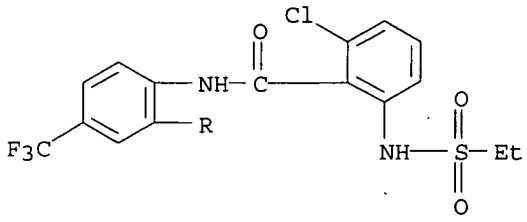


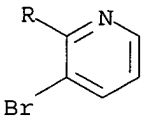


RN 1064347-91-6 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-(trifluoromethyl)phenyl]-2-chloro-6-[(ethylsulfonyl)amino]- (CA INDEX NAME)

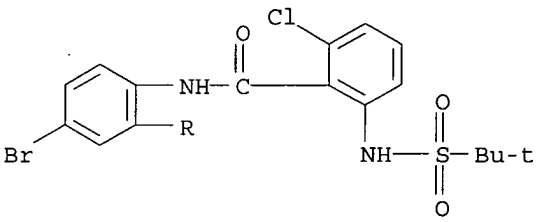
Updated Search

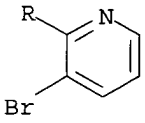
STN



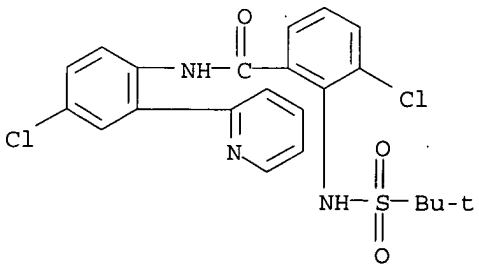


RN 1064347-92-7 HCAPLUS
CN Benzamide, N-[4-bromo-2-(3-bromo-2-pyridinyl)phenyl]-2-chloro-6-[[(1,1-dimethylethyl)sulfonyl]amino]- (CA INDEX NAME)





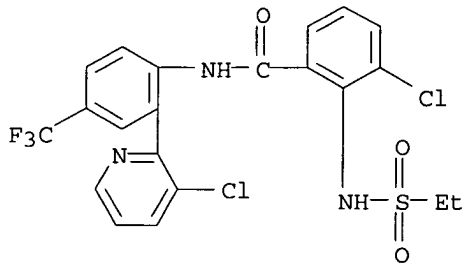
RN 1064348-17-9 HCAPLUS
CN Benzamide, 3-chloro-N-[4-chloro-2-(2-pyridinyl)phenyl]-2-[[(1,1-dimethylethyl)sulfonyl]amino]- (CA INDEX NAME)



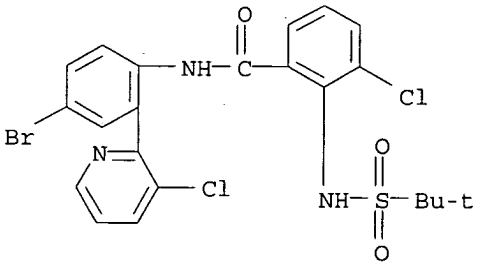
Updated Search

STN

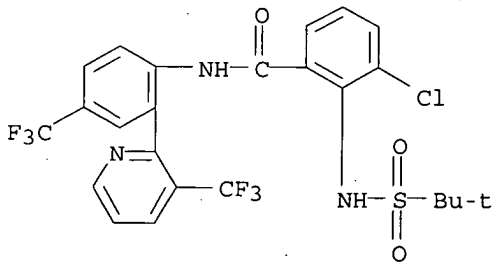
RN 1064348-25-9 HCAPLUS
CN Benzamide, 3-chloro-N-[2-(3-chloro-2-pyridinyl)-4-(trifluoromethyl)phenyl]-2-[(ethylsulfonyl)amino]- (CA INDEX NAME)



RN 1064348-26-0 HCAPLUS
CN Benzamide, N-[4-bromo-2-(3-chloro-2-pyridinyl)phenyl]-3-chloro-2-[[(1,1-dimethylethyl)sulfonyl]amino]- (CA INDEX NAME)

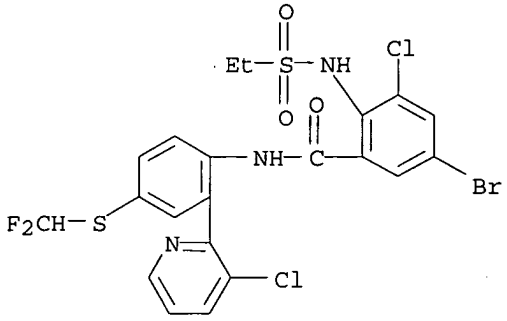


RN 1064348-27-1 HCAPLUS
CN Benzamide, 3-chloro-2-[[(1,1-dimethylethyl)sulfonyl]amino]-N-[4-(trifluoromethyl)-2-[3-(trifluoromethyl)-2-pyridinyl]phenyl]- (CA INDEX NAME)

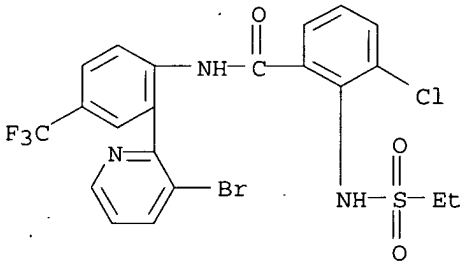


RN 1064348-28-2 HCAPLUS
CN Benzamide, 5-bromo-3-chloro-N-[2-(3-chloro-2-pyridinyl)-4-[(difluoromethyl)thio]phenyl]-2-[(ethylsulfonyl)amino]- (CA INDEX NAME)

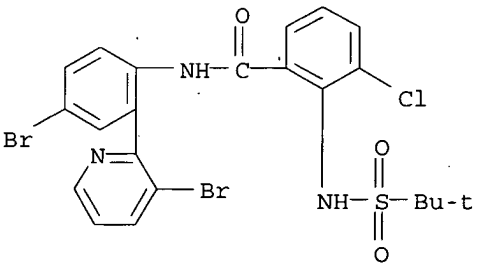
Updated Search



RN 1064348-29-3 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-(trifluoromethyl)phenyl]-3-chloro-2-[(ethylsulfonyl)amino]- (CA INDEX NAME)



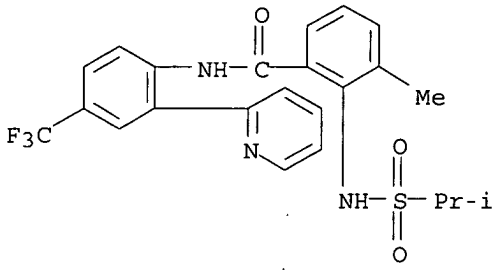
RN 1064348-30-6 HCAPLUS
CN Benzamide, N-[4-bromo-2-(3-bromo-2-pyridinyl)phenyl]-3-chloro-2-[[(1,1-dimethylethyl)sulfonyl]amino]- (CA INDEX NAME)



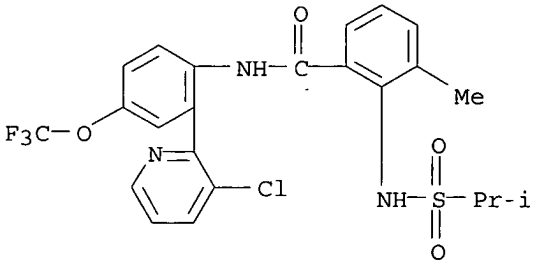
RN 1064351-07-0 HCAPLUS
CN Benzamide, 3-methyl-2-[[(1-methylethyl)sulfonyl]amino]-N-[2-(2-pyridinyl)-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

Updated Search

STN



RN 1064351-15-0 HCAPLUS
CN Benzamide, N-[2-(3-chloro-2-pyridinyl)-4-(trifluoromethoxy)phenyl]-3-methyl-2-[[(1-methylethyl)sulfonyl]amino]- (CA INDEX NAME)



RN 1064351-16-1 HCAPLUS
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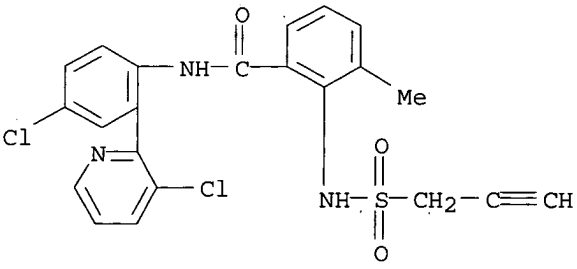
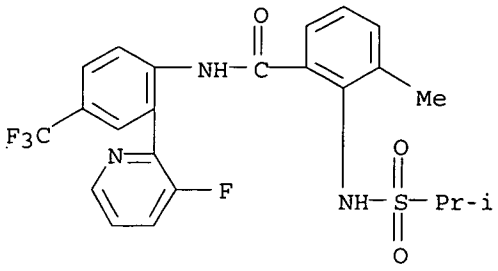
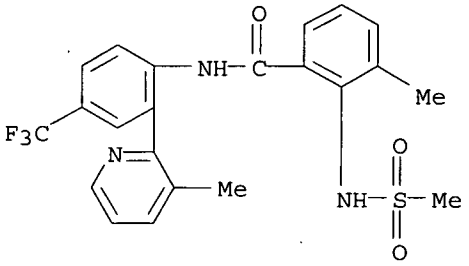


RN 1064351-17-2 HCAPLUS
CN Benzamide, N-[2-(3-fluoro-2-pyridinyl)-4-(trifluoromethyl)phenyl]-3-methyl-2-[[(1-methylethyl)sulfonyl]amino]- (CA INDEX NAME)

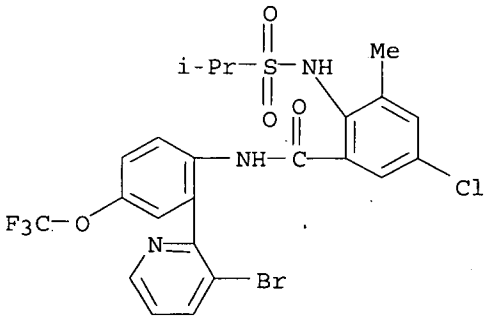
Updated Search



RN 1064351-18-3 HCAPLUS
CN Benzamide, 3-methyl-N-[2-(3-methyl-2-pyridinyl)-4-(trifluoromethyl)phenyl]-2-[(methylsulfonyl)amino]- (CA INDEX NAME)



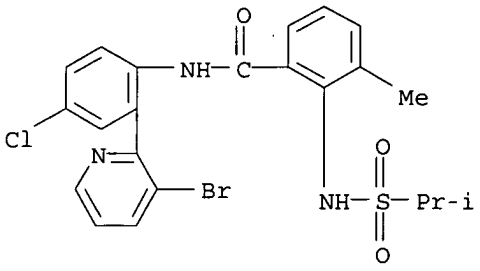
RN 1064351-19-4 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-(trifluoromethoxy)phenyl]-5-chloro-3-methyl-2-[[(1-methylethyl)sulfonyl]amino]- (CA INDEX NAME)



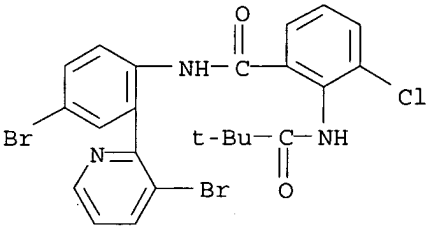
RN 1064351-21-8 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-chlorophenyl]-3-methyl-2-[[(1-methylethyl)sulfonyl]amino]- (CA INDEX NAME)

Updated Search

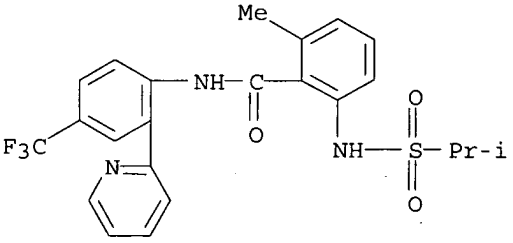
STN



RN 1064351-50-3 HCAPLUS
CN Benzamide, N-[4-bromo-2-(3-bromo-2-pyridinyl)phenyl]-3-chloro-2-[(2,2-dimethyl-1-oxopropyl)amino]- (CA INDEX NAME)



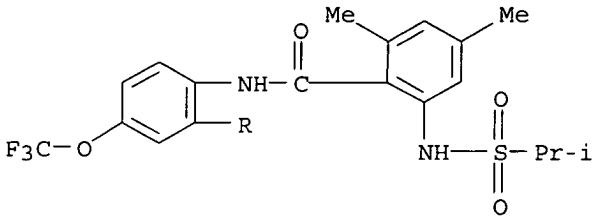
RN 1064351-77-4 HCAPLUS
CN Benzamide, 2-methyl-6-[[(1-methylethyl)sulfonyl]amino]-N-[2-(2-pyridinyl)-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

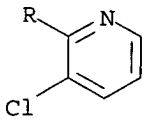


RN 1064351-84-3 HCAPLUS
CN Benzamide, N-[2-(3-chloro-2-pyridinyl)-4-(trifluoromethoxy)phenyl]-2,4-dimethyl-6-[[(1-methylethyl)sulfonyl]amino]- (CA INDEX NAME)

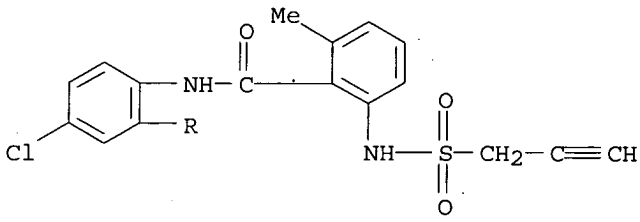
Updated Search

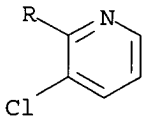
STN





RN 1064351-85-4 HCAPLUS
CN Benzamide, N-[4-chloro-2-(3-chloro-2-pyridinyl)phenyl]-2-methyl-6-[(2-propyn-1-ylsulfonyl)amino]- (CA INDEX NAME)

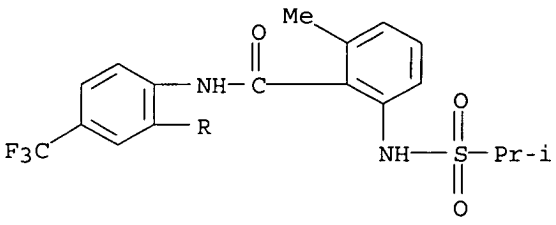


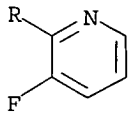


RN 1064351-86-5 HCAPLUS
CN Benzamide, N-[2-(3-fluoro-2-pyridinyl)-4-(trifluoromethyl)phenyl]-2-methyl-6-[[(1-methylethyl)sulfonyl]amino]- (CA INDEX NAME)

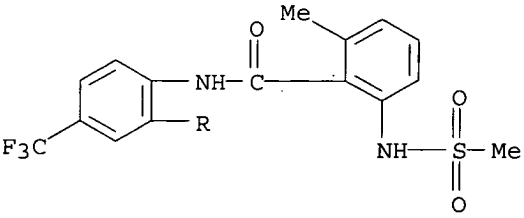
Updated Search

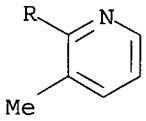
STN





RN 1064351-87-6 HCAPLUS
CN Benzamide, 2-methyl-N-[2-(3-methyl-2-pyridinyl)-4-(trifluoromethyl)phenyl]-6-[(methylsulfonyl)amino]- (CA INDEX NAME)

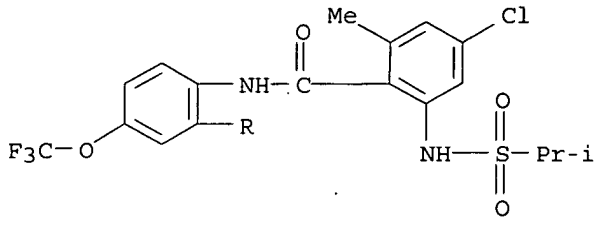


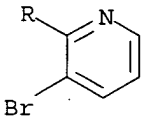


RN 1064351-88-7 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-(trifluoromethoxy)phenyl]-4-chloro-2-methyl-6-[[(1-methylethyl)sulfonyl]amino]- (CA INDEX NAME)

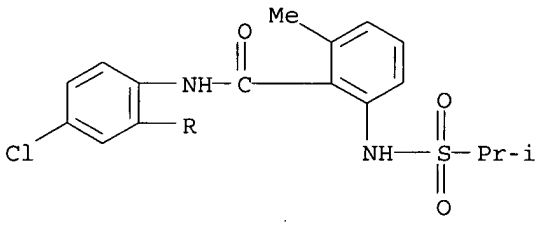
Updated Search

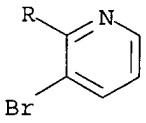
STN



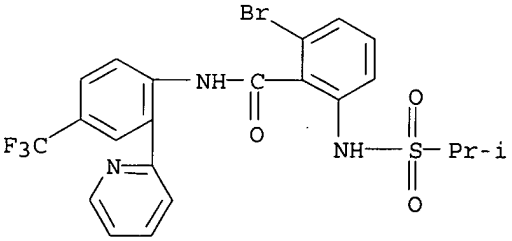


RN 1064351-89-8 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-chlorophenyl]-2-methyl-6-[[(1-methylethyl)sulfonyl]amino]- (CA INDEX NAME)





RN 1064352-90-4 HCAPLUS
CN Benzamide, 2-bromo-6-[[(1-methylethyl)sulfonyl]amino]-N-[2-(2-pyridinyl)-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

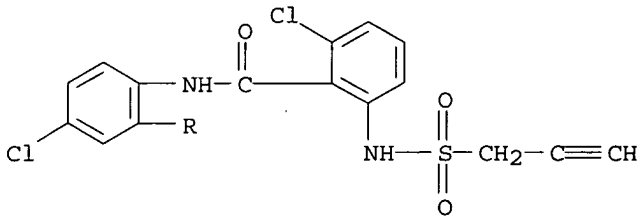


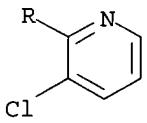
RN 1064352-98-2 HCAPLUS

Updated Search

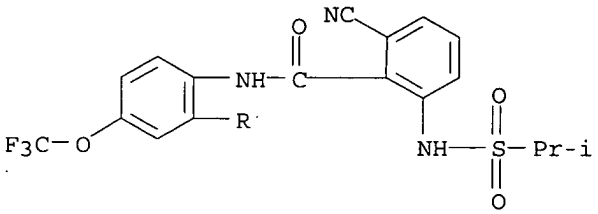
STN

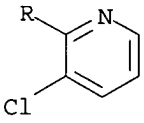
CN Benzamide, 2-chloro-N-[4-chloro-2-(3-chloro-2-pyridinyl)phenyl]-6-[(2-propyn-1-ylsulfonyl)amino]- (CA INDEX NAME)





RN 1064352-99-3 HCAPLUS
CN Benzamide, N-[2-(3-chloro-2-pyridinyl)-4-(trifluoromethoxy)phenyl]-2-cyano-6-[[(1-methylethyl)sulfonyl]amino]- (CA INDEX NAME)

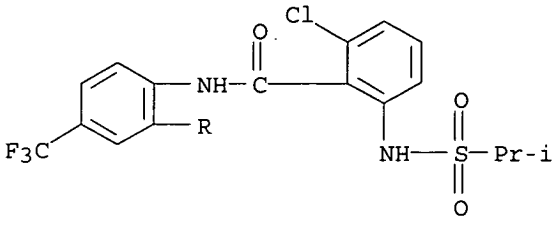


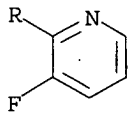


RN 1064353-00-9 HCAPLUS
CN Benzamide, 2-chloro-N-[2-(3-fluoro-2-pyridinyl)-4-(trifluoromethyl)phenyl]-6-[[(1-methylethyl)sulfonyl]amino]- (CA INDEX NAME)

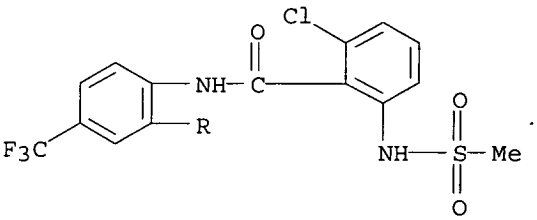
Updated Search

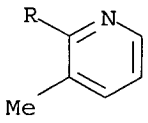
STN





RN 1064353-01-0 HCAPLUS
CN Benzamide, 2-chloro-N-[2-(3-methyl-2-pyridinyl)-4-(trifluoromethyl)phenyl]-6-[(methylsulfonyl)amino]- (CA INDEX NAME)

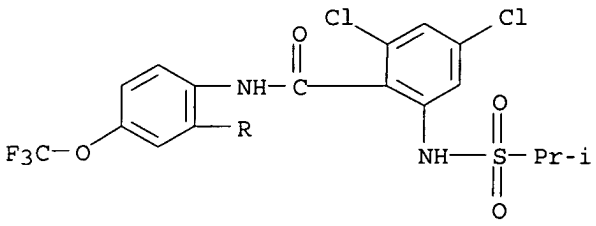


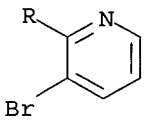


RN 1064353-02-1 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-(trifluoromethoxy)phenyl]-2,4-dichloro-6-[[(1-methylethyl)sulfonyl]amino]- (CA INDEX NAME)

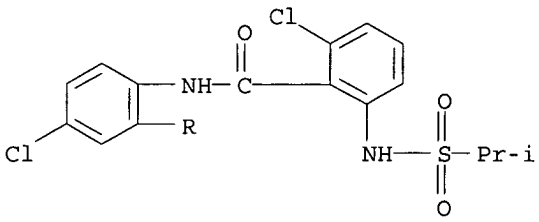
Updated Search

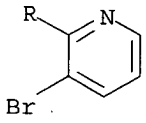
STN



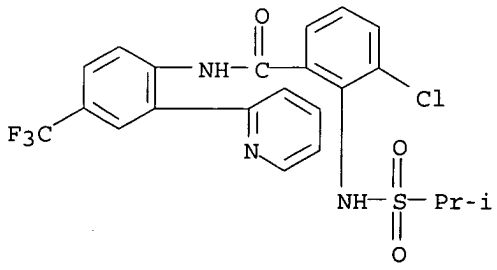


RN 1064353-03-2 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-chlorophenyl]-2-chloro-6-[[(1-methylethyl)sulfonyl]amino]- (CA INDEX NAME)





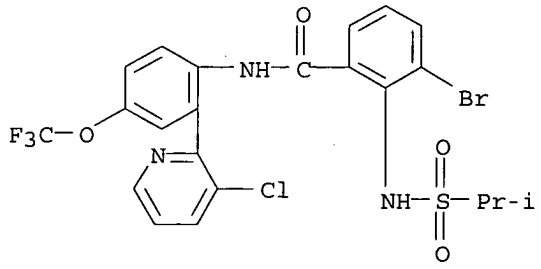
RN 1064353-28-1 HCAPLUS
CN Benzamide, 3-chloro-2-[[(1-methylethyl)sulfonyl]amino]-N-[2-(2-pyridinyl)-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)



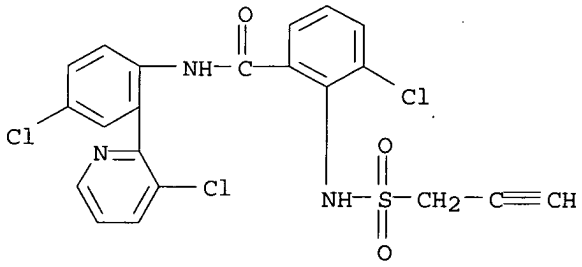
Updated Search

STN

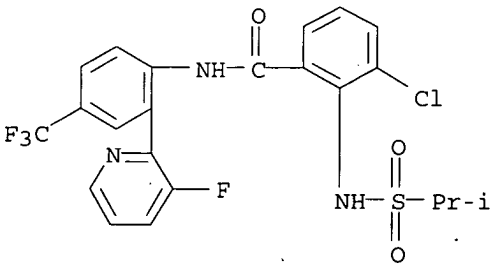
RN 1064353-36-1 HCAPLUS
CN Benzamide, 3-bromo-N-[2-(3-chloro-2-pyridinyl)-4-(trifluoromethoxy)phenyl]-2-[[(1-methylethyl)sulfonyl]amino]- (CA INDEX NAME)



RN 1064353-37-2 HCAPLUS
CN Benzamide, 3-chloro-N-[4-chloro-2-(3-chloro-2-pyridinyl)phenyl]-2-[(2-propyn-1-ylsulfonyl)amino]- (CA INDEX NAME)



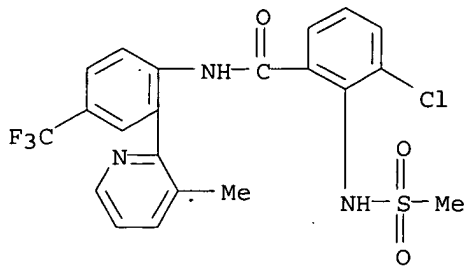
RN 1064353-38-3 HCAPLUS
CN Benzamide, 3-chloro-N-[2-(3-fluoro-2-pyridinyl)-4-(trifluoromethyl)phenyl]-2-[[(1-methylethyl)sulfonyl]amino]- (CA INDEX NAME)



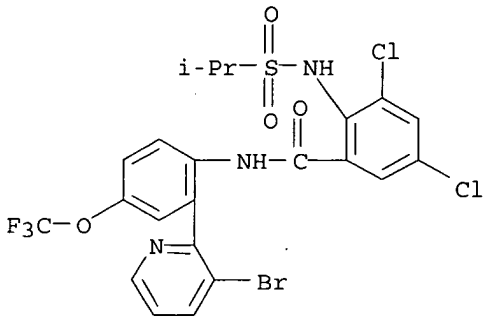
RN 1064353-39-4 HCAPLUS
CN Benzamide, 3-chloro-N-[2-(3-methyl-2-pyridinyl)-4-(trifluoromethyl)phenyl]-2-[(methylsulfonyl)amino]- (CA INDEX NAME)

Updated Search

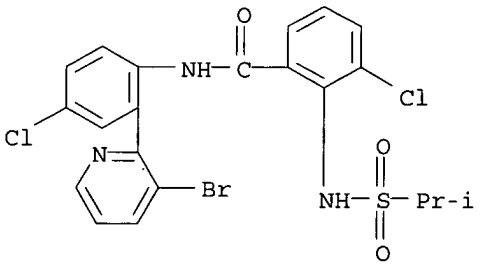
STN



RN 1064353-40-7 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-(trifluoromethoxy)phenyl]-3,5-dichloro-2-[[(1-methylethyl)sulfonyl]amino]- (CA INDEX NAME)



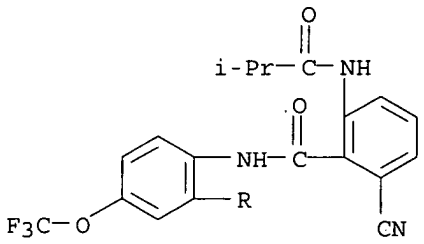
RN 1064353-41-8 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-chlorophenyl]-3-chloro-2-[[(1-methylethyl)sulfonyl]amino]- (CA INDEX NAME)

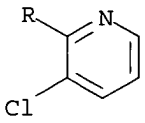


RN 1064354-59-1 HCAPLUS
CN Benzamide, N-[2-(3-chloro-2-pyridinyl)-4-(trifluoromethoxy)phenyl]-2-cyano-6-[(2-methyl-1-oxopropyl)amino]- (CA INDEX NAME)

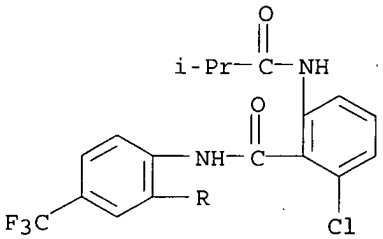
Updated Search

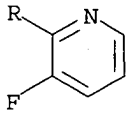
STN





RN 1064354-60-4 HCAPLUS
CN Benzamide, 2-chloro-N-[2-(3-fluoro-2-pyridinyl)-4-(trifluoromethyl)phenyl]-6-[(2-methyl-1-oxopropyl)amino]- (CA INDEX NAME)

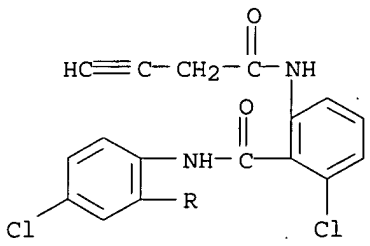


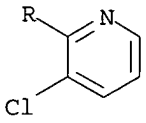


RN 1064354-62-6 HCAPLUS
CN Benzamide, 2-chloro-N-[4-chloro-2-(3-chloro-2-pyridinyl)phenyl]-6-[(1-oxo-3-butyn-1-yl)amino]- (CA INDEX NAME)

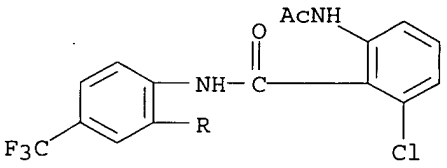
Updated Search

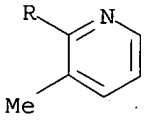
STN





RN 1064354-63-7 HCAPLUS
CN Benzamide, 2-(acetylamino)-6-chloro-N-[2-(3-methyl-2-pyridinyl)-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

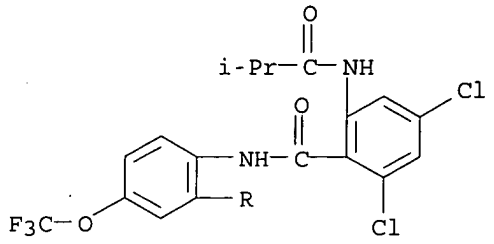


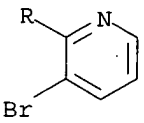


RN 1064354-64-8 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-(trifluoromethoxy)phenyl]-2,4-dichloro-6-[(2-methyl-1-oxopropyl)amino]- (CA INDEX NAME)

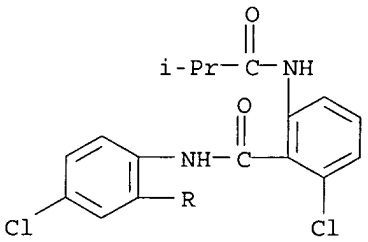
Updated Search

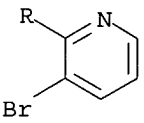
STN



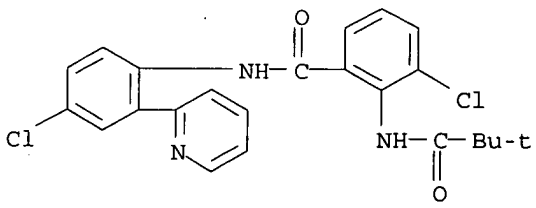


RN 1064354-65-9 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-chlorophenyl]-2-chloro-6-[(2-methyl-1-oxopropyl)amino]- (CA INDEX NAME)





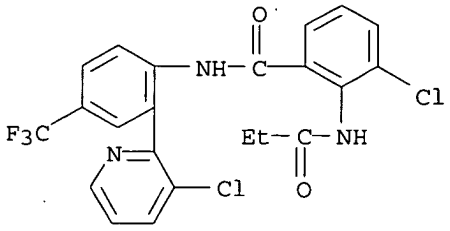
RN 1064354-90-0 HCAPLUS
CN Benzamide, 3-chloro-N-[4-chloro-2-(2-pyridinyl)phenyl]-2-[(2,2-dimethyl-1-oxopropyl)amino]- (CA INDEX NAME)



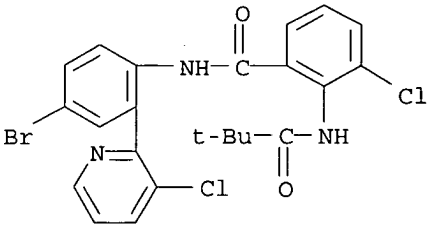
Updated Search

STN

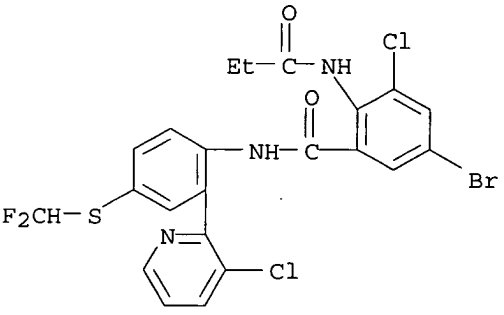
RN 1064354-97-7 HCAPLUS
CN Benzamide, 3-chloro-N-[2-(3-chloro-2-pyridinyl)-4-(trifluoromethyl)phenyl]-2-[(1-oxopropyl)amino]- (CA INDEX NAME)



RN 1064354-98-8 HCAPLUS
CN Benzamide, N-[4-bromo-2-(3-chloro-2-pyridinyl)phenyl]-3-chloro-2-[(2,2-dimethyl-1-oxopropyl)amino]- (CA INDEX NAME)

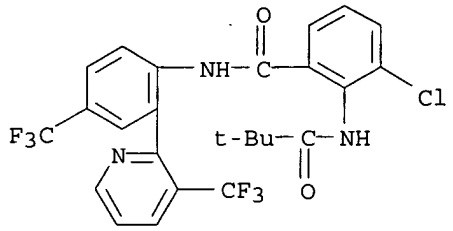


RN 1064354-99-9 HCAPLUS
CN Benzamide, 5-bromo-3-chloro-N-[2-(3-chloro-2-pyridinyl)-4-[(difluoromethyl)thio]phenyl]-2-[(1-oxopropyl)amino]- (CA INDEX NAME)

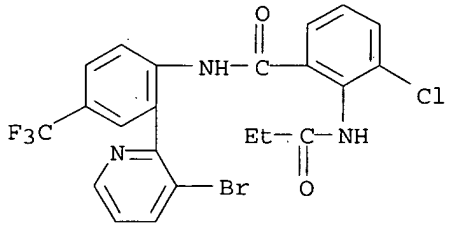


RN 1064355-00-5 HCAPLUS
CN Benzamide, 3-chloro-2-[(2,2-dimethyl-1-oxopropyl)amino]-N-[4-(trifluoromethyl)-2-[3-(trifluoromethyl)-2-pyridinyl]phenyl]- (CA INDEX NAME)

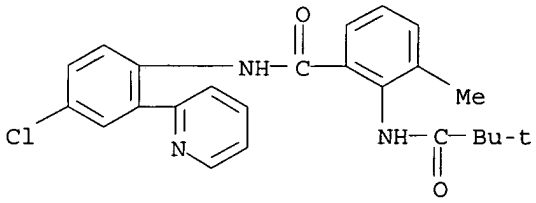
Updated Search



RN 1064355-01-6 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-(trifluoromethyl)phenyl]-3-chloro-2-[(1-oxopropyl)amino]- (CA INDEX NAME)



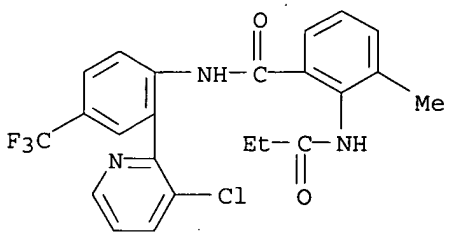
RN 1064355-19-6 HCAPLUS
CN Benzamide, N-[4-chloro-2-(2-pyridinyl)phenyl]-2-[(2,2-dimethyl-1-oxopropyl)amino]-3-methyl- (CA INDEX NAME)



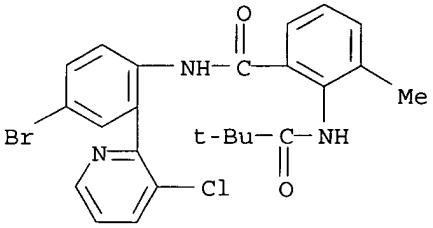
RN 1064355-26-5 HCAPLUS
CN Benzamide, N-[2-(3-chloro-2-pyridinyl)-4-(trifluoromethyl)phenyl]-3-methyl-2-[(1-oxopropyl)amino]- (CA INDEX NAME)

Updated Search

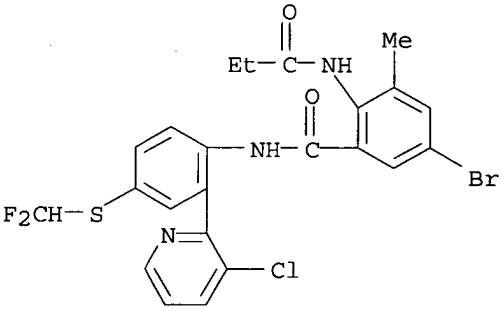
STN



RN 1064355-27-6 HCAPLUS
CN Benzamide, N-[4-bromo-2-(3-chloro-2-pyridinyl)phenyl]-2-[(2,2-dimethyl-1-oxopropyl)amino]-3-methyl- (CA INDEX NAME)

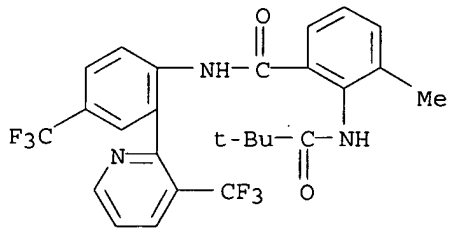


RN 1064355-28-7 HCAPLUS
CN Benzamide, 5-bromo-N-[2-(3-chloro-2-pyridinyl)-4-[(difluoromethyl)thio]phenyl]-3-methyl-2-[(1-oxopropyl)amino]- (CA INDEX NAME)

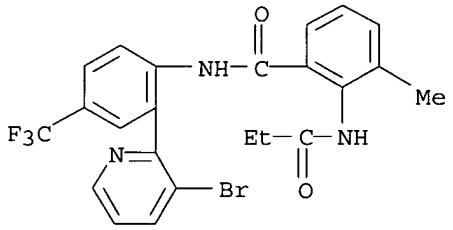


RN 1064355-29-8 HCAPLUS
CN Benzamide, 2-[(2,2-dimethyl-1-oxopropyl)amino]-3-methyl-N-[4-(trifluoromethyl)-2-[3-(trifluoromethyl)-2-pyridinyl]phenyl]- (CA INDEX NAME)

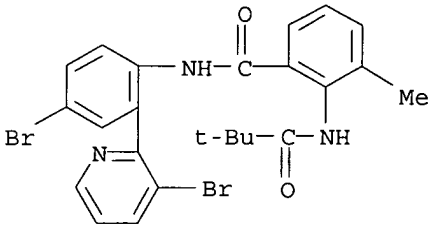
Updated Search



RN 1064355-30-1 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-(trifluoromethyl)phenyl]-3-methyl-2-[(1-oxopropyl)amino]- (CA INDEX NAME)



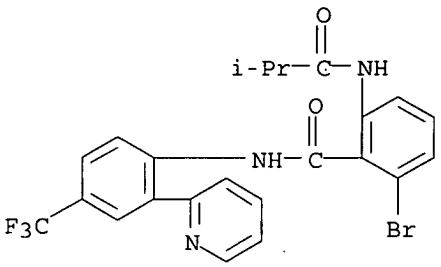
RN 1064355-31-2 HCAPLUS
CN Benzamide, N-[4-bromo-2-(3-bromo-2-pyridinyl)phenyl]-2-[(2,2-dimethyl-1-oxopropyl)amino]-3-methyl- (CA INDEX NAME)



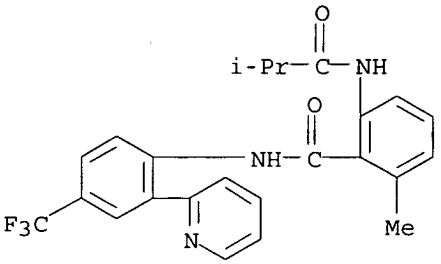
RN 1064355-57-2 HCAPLUS
CN Benzamide, 2-bromo-6-[(2-methyl-1-oxopropyl)amino]-N-[2-(2-pyridinyl)-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

Updated Search

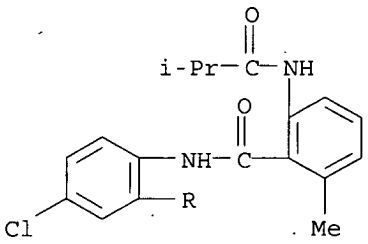
STN

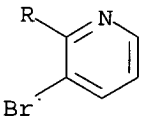


RN 1064375-76-3 HCAPLUS
CN Benzamide, 2-methyl-6-[(2-methyl-1-oxopropyl)amino]-N-[2-(2-pyridinyl)-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)



RN 1064376-55-1 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-chlorophenyl]-2-methyl-6-[(2-methyl-1-oxopropyl)amino]- (CA INDEX NAME)

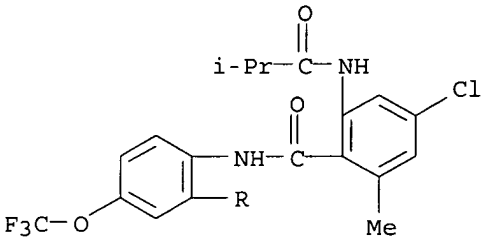


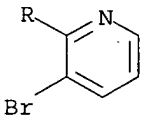


RN 1064376-56-2 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-(trifluoromethoxy)phenyl]-4-chloro-2-methyl-6-[(2-methyl-1-oxopropyl)amino]- (CA INDEX NAME)

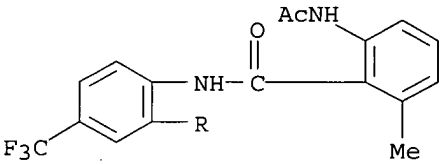
Updated Search

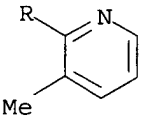
STN





RN 1064376-57-3 HCAPLUS
CN Benzamide, 2-(acetylamino)-6-methyl-N-[2-(3-methyl-2-pyridinyl)-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

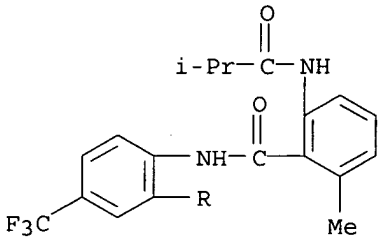


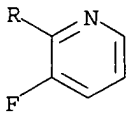


RN 1064376-58-4 HCAPLUS
CN Benzamide, N-[2-(3-fluoro-2-pyridinyl)-4-(trifluoromethyl)phenyl]-2-methyl-6-[(2-methyl-1-oxopropyl)amino]- (CA INDEX NAME)

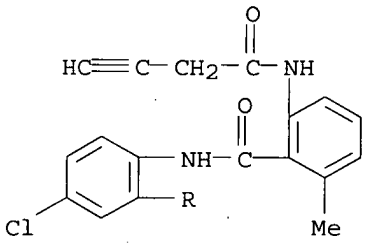
Updated Search

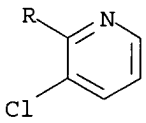
STN





RN 1064376-59-5 HCAPLUS
CN Benzamide, N-[4-chloro-2-(3-chloro-2-pyridinyl)phenyl]-2-methyl-6-[(1-oxo-3-butyn-1-yl)amino]- (CA INDEX NAME)

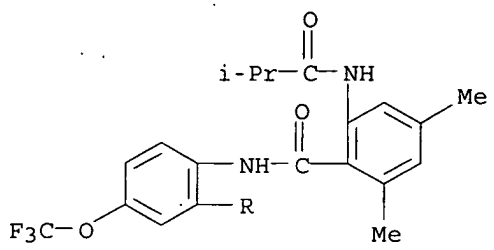


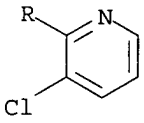


RN 1064376-60-8 HCAPLUS
CN Benzamide, N-[2-(3-chloro-2-pyridinyl)-4-(trifluoromethoxy)phenyl]-2,4-dimethyl-6-[(2-methyl-1-oxopropyl)amino]- (CA INDEX NAME)

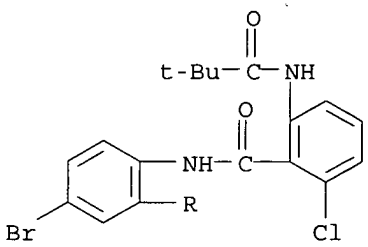
Updated Search

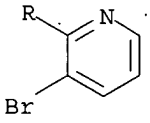
STN





RN 1064379-86-7 HCAPLUS
CN Benzamide, N-[4-bromo-2-(3-bromo-2-pyridinyl)phenyl]-2-chloro-6-[(2,2-dimethyl-1-oxopropyl)amino]- (CA INDEX NAME)

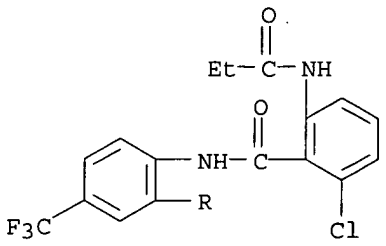


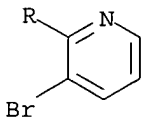


RN 1064379-88-9 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-(trifluoromethyl)phenyl]-2-chloro-6-[(1-oxopropyl)amino]- (CA INDEX NAME)

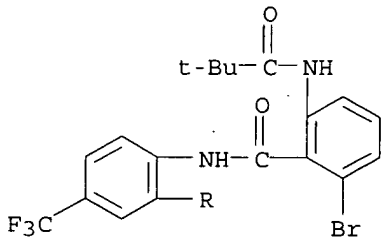
Updated Search

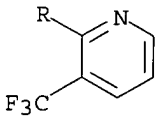
STN





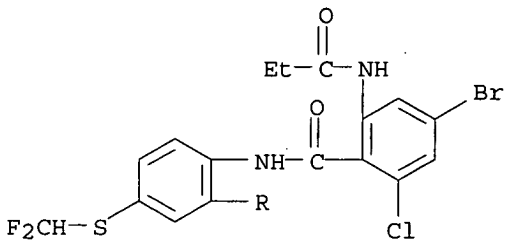
RN 1064379-89-0 HCAPLUS
CN Benzamide, 2-bromo-6-[(2,2-dimethyl-1-oxopropyl)amino]-N-[4-(trifluoromethyl)-2-[3-(trifluoromethyl)-2-pyridinyl]phenyl]- (CA INDEX NAME)

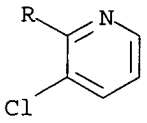




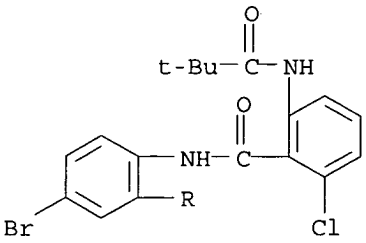
RN 1064379-90-3 HCAPLUS
CN Benzamide, 4-bromo-2-chloro-N-[2-(3-chloro-2-pyridinyl)-4-[(difluoromethyl)thio]phenyl]-6-[(1-oxopropyl)amino]- (CA INDEX NAME)

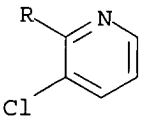
Updated Search





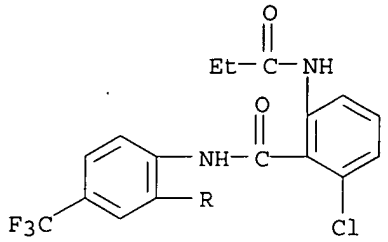
RN 1064379-91-4 HCAPLUS
CN Benzamide, N-[4-bromo-2-(3-chloro-2-pyridinyl)phenyl]-2-chloro-6-[(2,2-dimethyl-1-oxopropyl)amino]- (CA INDEX NAME)

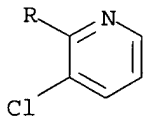




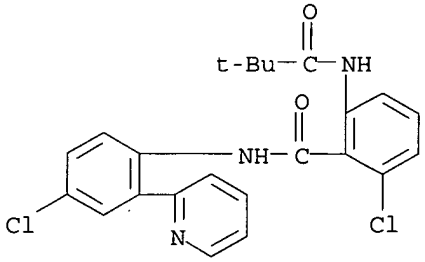
RN 1064379-92-5 HCAPLUS
CN Benzamide, 2-chloro-N-[2-(3-chloro-2-pyridinyl)-4-(trifluoromethyl)phenyl]-6-[(1-oxopropyl)amino]- (CA INDEX NAME)

STN

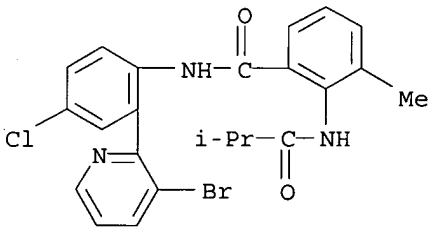




RN 1064379-99-2 HCAPLUS
CN Benzamide, 2-chloro-N-[4-chloro-2-(2-pyridinyl)phenyl]-6-[(2,2-dimethyl-1-oxopropyl)amino]- (CA INDEX NAME)



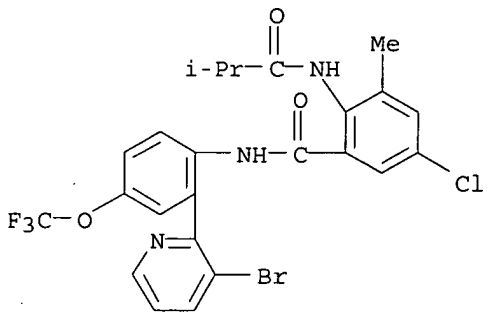
RN 1064380-25-1 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-chlorophenyl]-3-methyl-2-[(2-methyl-1-oxopropyl)amino]- (CA INDEX NAME)



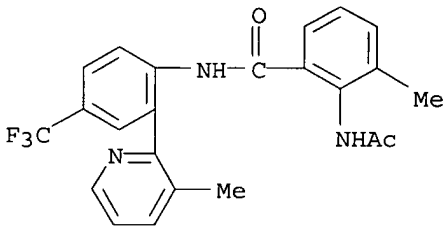
RN 1064380-26-2 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-(trifluoromethoxy)phenyl]-5-chloro-3-methyl-2-[(2-methyl-1-oxopropyl)amino]- (CA INDEX NAME)

Updated Search

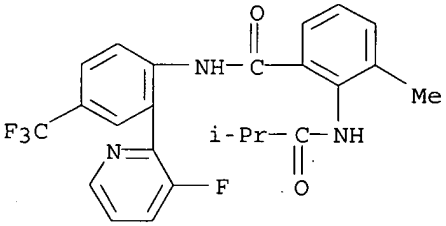
STN



RN 1064380-27-3 HCAPLUS
CN INDEX NAME NOT YET ASSIGNED



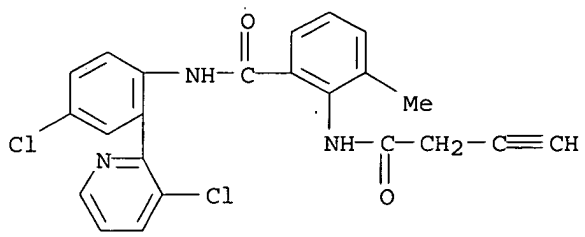
RN 1064380-28-4 HCAPLUS
CN Benzamide, N-[2-(3-fluoro-2-pyridinyl)-4-(trifluoromethyl)phenyl]-3-methyl-2-[(2-methyl-1-oxopropyl)amino]- (CA INDEX NAME)



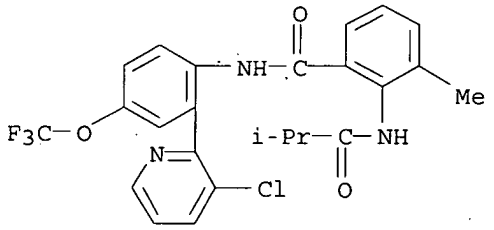
RN 1064380-29-5 HCAPLUS
CN Benzamide, N-[4-chloro-2-(3-chloro-2-pyridinyl)phenyl]-3-methyl-2-[(1-oxo-3-butyn-1-yl)amino]- (CA INDEX NAME)

Updated Search

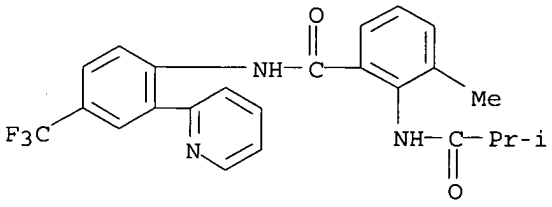
STN



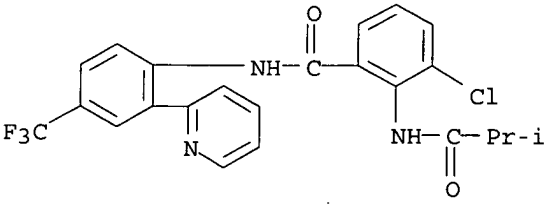
RN 1064380-30-8 HCAPLUS
CN Benzamide, N-[2-(3-chloro-2-pyridinyl)-4-(trifluoromethoxy)phenyl]-3-methyl-2-[(2-methyl-1-oxopropyl)amino]- (CA INDEX NAME)



RN 1064380-38-6 HCAPLUS
CN Benzamide, 3-methyl-2-[(2-methyl-1-oxopropyl)amino]-N-[2-(2-pyridinyl)-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)



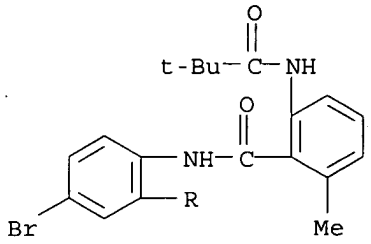
RN 1064380-90-0 HCAPLUS
CN Benzamide, 3-chloro-2-[(2-methyl-1-oxopropyl)amino]-N-[2-(2-pyridinyl)-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

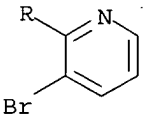


Updated Search

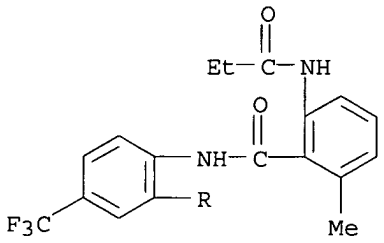
STN

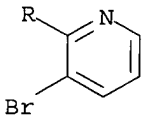
RN 1064382-08-6 HCAPLUS
CN Benzamide, N-[4-bromo-2-(3-bromo-2-pyridinyl)phenyl]-2-[(2,2-dimethyl-1-oxopropyl)amino]-6-methyl- (CA INDEX NAME)





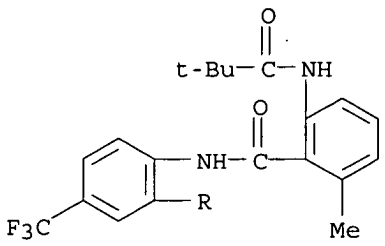
RN 1064382-09-7 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-(trifluoromethyl)phenyl]-2-methyl-6-[(1-oxopropyl)amino]- (CA INDEX NAME)

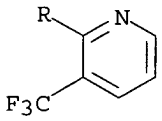




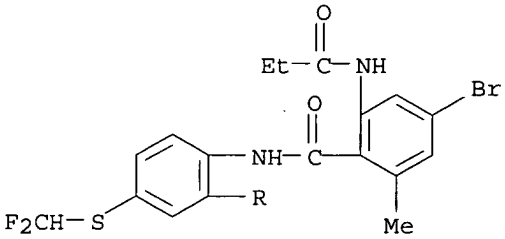
RN 1064382-10-0 HCAPLUS
CN Benzamide, 2-[(2,2-dimethyl-1-oxopropyl)amino]-6-methyl-N-[4-(trifluoromethyl)-2-[3-(trifluoromethyl)-2-pyridinyl]phenyl]- (CA INDEX NAME)

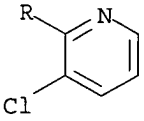
Updated Search





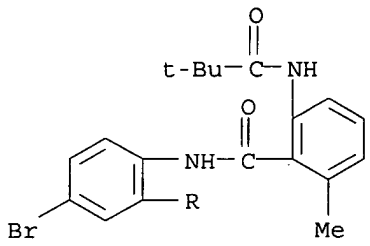
RN 1064382-11-1 HCAPLUS
CN Benzamide, 4-bromo-N-[2-(3-chloro-2-pyridinyl)-4-[(difluoromethyl)thio]phenyl]-2-methyl-6-[(1-oxopropyl)amino]- (CA INDEX NAME)

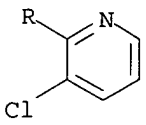




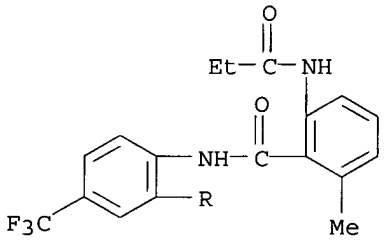
RN 1064382-12-2 HCAPLUS
CN Benzamide, N-[4-bromo-2-(3-chloro-2-pyridinyl)phenyl]-2-[(2,2-dimethyl-1-oxopropyl)amino]-6-methyl- (CA INDEX NAME)

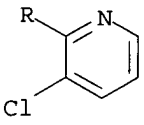
STN



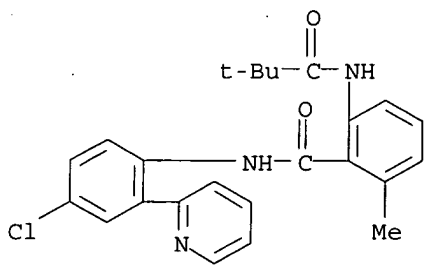


RN 1064382-13-3 HCAPLUS
CN Benzamide, N-[2-(3-chloro-2-pyridinyl)-4-(trifluoromethyl)phenyl]-2-methyl-6-[(1-oxopropyl)amino]- (CA INDEX NAME)





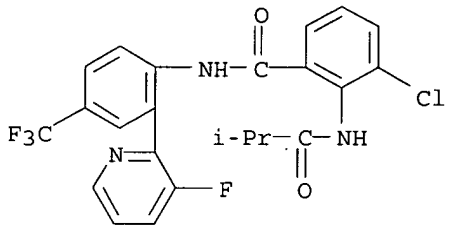
RN 1064382-20-2 HCAPLUS
CN Benzamide, N-[4-chloro-2-(2-pyridinyl)phenyl]-2-[(2,2-dimethyl-1-oxopropyl)amino]-6-methyl- (CA INDEX NAME)



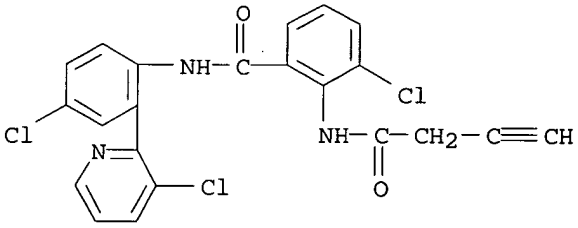
Updated Search

STN

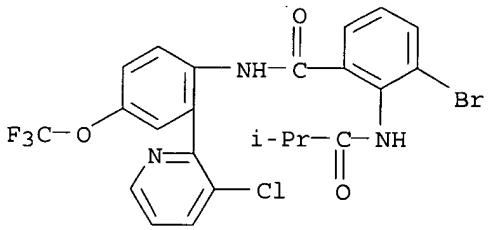
RN 1064384-10-6 HCAPLUS
CN Benzamide, 3-chloro-N-[2-(3-fluoro-2-pyridinyl)-4-(trifluoromethyl)phenyl]-2-[(2-methyl-1-oxopropyl)amino]- (CA INDEX NAME)



RN 1064384-11-7 HCAPLUS
CN Benzamide, 3-chloro-N-[4-chloro-2-(3-chloro-2-pyridinyl)phenyl]-2-[(1-oxo-3-butyn-1-yl)amino]- (CA INDEX NAME)



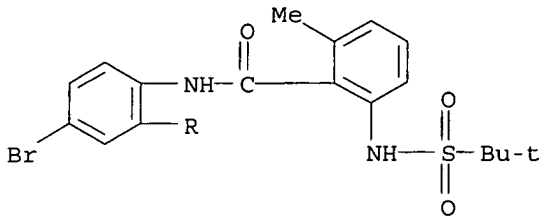
RN 1064384-12-8 HCAPLUS
CN Benzamide, 3-bromo-N-[2-(3-chloro-2-pyridinyl)-4-(trifluoromethoxy)phenyl]-2-[(2-methyl-1-oxopropyl)amino]- (CA INDEX NAME)

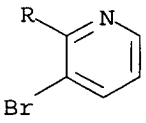


RN 1064384-40-2 HCAPLUS
CN Benzamide, N-[4-bromo-2-(3-bromo-2-pyridinyl)phenyl]-2-[[(1,1-dimethylethyl)sulfonyl]amino]-6-methyl- (CA INDEX NAME)

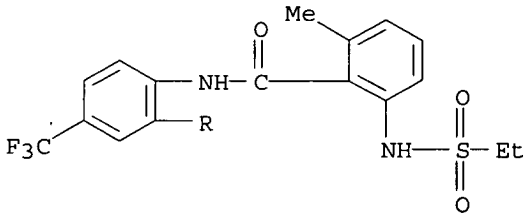
Updated Search

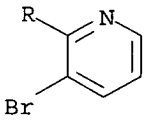
STN





RN 1064384-41-3 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-(trifluoromethyl)phenyl]-2-[(ethylsulfonyl)amino]-6-methyl- (CA INDEX NAME)

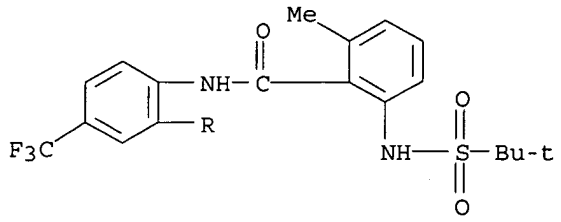


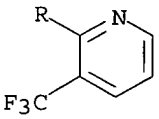


RN 1064384-42-4 HCAPLUS
CN Benzamide, 2-[[(1,1-dimethylethyl)sulfonyl]amino]-6-methyl-N-[4-(trifluoromethyl)-2-[3-(trifluoromethyl)-2-pyridinyl]phenyl]- (CA INDEX NAME)

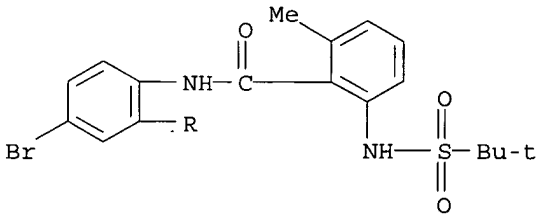
Updated Search

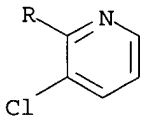
STN





RN 1064384-43-5 HCAPLUS
CN Benzamide, N-[4-bromo-2-(3-chloro-2-pyridinyl)phenyl]-2-[[(1,1-dimethylethyl)sulfonyl]amino]-6-methyl- (CA INDEX NAME)

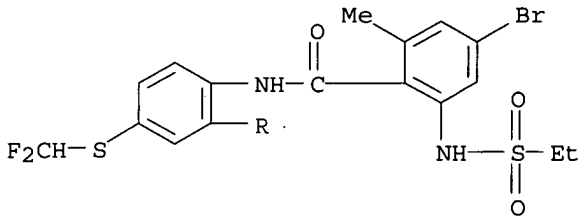


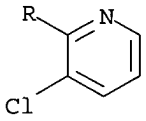


RN 1064384-44-6 HCAPLUS
CN Benzamide, 4-bromo-N-[2-(3-chloro-2-pyridinyl)-4-[(difluoromethyl)thio]phenyl]-2-[(ethylsulfonyl)amino]-6-methyl- (CA INDEX NAME)

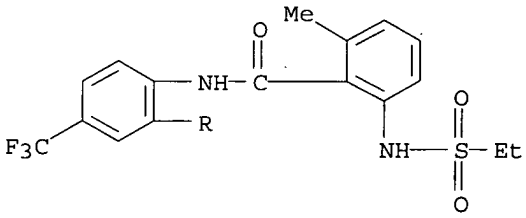
Updated Search

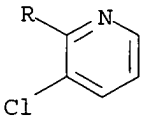
STN



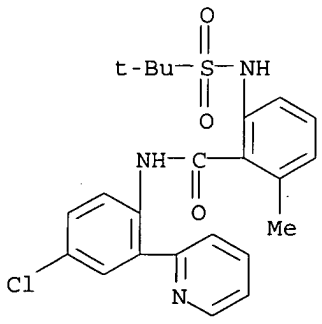


RN 1064384-45-7 HCAPLUS
CN Benzamide, N-[2-(3-chloro-2-pyridinyl)-4-(trifluoromethyl)phenyl]-2-[(ethylsulfonyl)amino]-6-methyl- (CA INDEX NAME)





RN 1064384-52-6 HCAPLUS
CN Benzamide, N-[4-chloro-2-(2-pyridinyl)phenyl]-2-[[(1,1-dimethylethyl)sulfonyl]amino]-6-methyl- (CA INDEX NAME)



Updated Search

STN

RN 1064384-78-6 HCAPLUS
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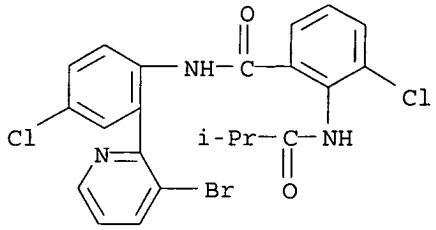

RN 1064384-79-7 HCAPLUS
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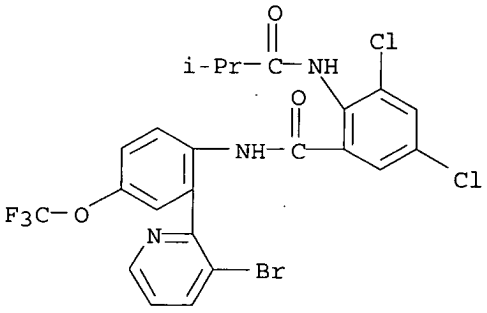

RN 1064384-80-0 HCAPLUS
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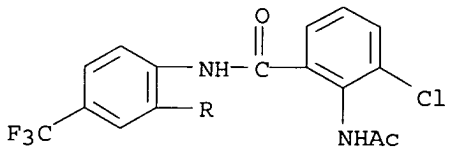
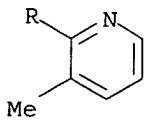


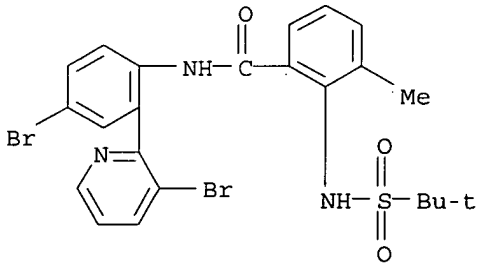


RN 1064385-30-3 HCAPLUS

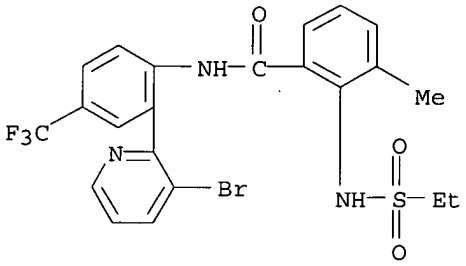
Updated Search

STN

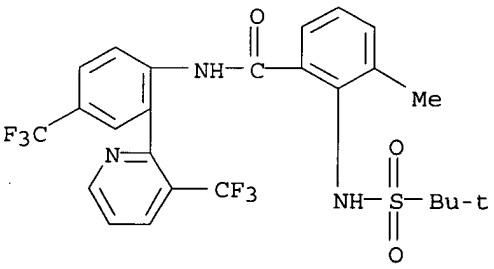
CN Benzamide, N-[4-bromo-2-(3-bromo-2-pyridinyl)phenyl]-2-[[(1,1-dimethylethyl)sulfonyl]amino]-3-methyl- (CA INDEX NAME)



RN 1064385-31-4 HCAPLUS
CN Benzamide, N-[2-(3-bromo-2-pyridinyl)-4-(trifluoromethyl)phenyl]-2-[(ethylsulfonyl)amino]-3-methyl- (CA INDEX NAME)

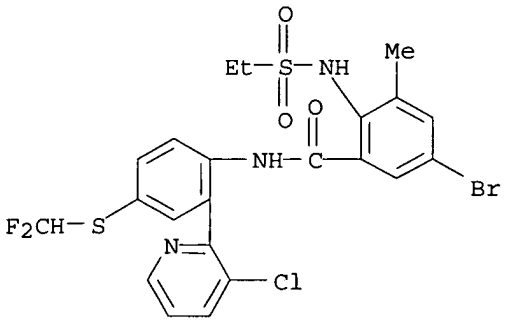


RN 1064385-32-5 HCAPLUS
CN Benzamide, 2-[[(1,1-dimethylethyl)sulfonyl]amino]-3-methyl-N-[4-(trifluoromethyl)-2-[3-(trifluoromethyl)-2-pyridinyl]phenyl]- (CA INDEX NAME)



RN 1064385-33-6 HCAPLUS
CN Benzamide, 5-bromo-N-[2-(3-chloro-2-pyridinyl)-4-[(difluoromethyl)thio]phenyl]-2-[(ethylsulfonyl)amino]-3-methyl- (CA INDEX NAME)

Updated Search



RN 1064385-34-7 HCAPLUS
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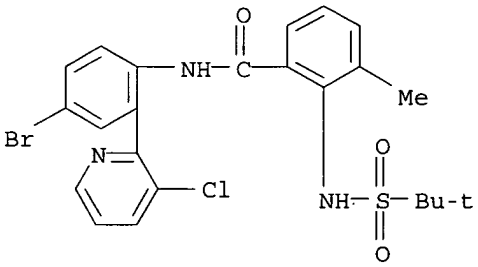

RN 1064385-35-8 HCAPLUS
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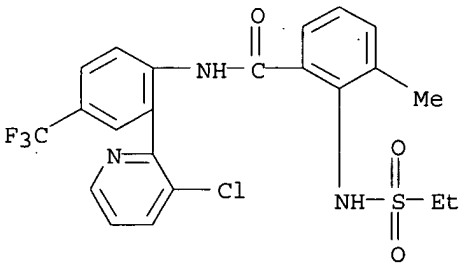
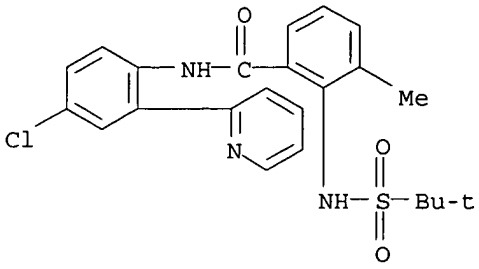


RN 1064385-42-7 HCAPLUS
CN Benzamide, N-[4-chloro-2-(2-pyridinyl)phenyl]-2-[[(1,1-dimethylethyl)sulfonyl]amino]-3-methyl- (CA INDEX NAME)

Updated Search

STN



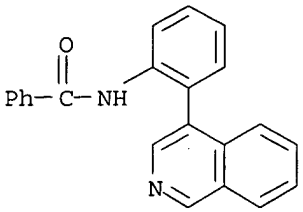
L10 ANSWER 14 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1998:454925 HCAPLUS
DOCUMENT NUMBER: 129:189297
ORIGINAL REFERENCE NO.: 129:38457a,38460a
TITLE: 1,3-Dipolar cycloadditions. 105. Isoquinolinium N-arylimides and acetylenic dipolarophiles; cycloadducts and their rearrangements
AUTHOR(S): Bast, Klaus; Durst, Tony; Huber, Helmut; Huisgen, Rolf; Lindner, Klaus; Stephenson, David S.; Temme, Robert
CORPORATE SOURCE: Institut fur Organische Chemie der Universitat Munchen, Munchen, D-80333, Germany
SOURCE: Tetrahedron (1998), 54(29), 8451-8468
CODEN: TETRAB; ISSN: 0040-4020
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 129:189297

AB Di-Me acetylenedicarboxylate, Me propiolate, and Et phenylpropiolate surpass the corresponding ethylenic carboxylic esters in dipolarophilic activity vs. isoquinolinium N-arylimides, a class of azomethine imines. The cycloadducts contain a N3-vinylphenylhydrazine system and enter into a Fischer indole synthesis which stops one step short of the indole. The [3.3]-sigmatropic rearrangement involved is likewise faster for the cycloadducts of acetylenic dipolarophiles than for ethylenic ones and does not require acid catalysis; in some cases the initial adduct escapes 1H NMR observation. The products obtained with Et phenylpropiolate, provide beautiful NMR models for steric interaction of benzo ring E and a Ph group. On treatment with strong acid, the pentacyclic rearrangement products suffer fragmentation.

IT 211743-97-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 211743-97-4 HCAPLUS
CN Benzamide, N-[2-(4-isoquinolinyl)phenyl]- (CA INDEX NAME)

Updated Search

STN



REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 15 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1996:397177 HCAPLUS
DOCUMENT NUMBER: 125:86664
ORIGINAL REFERENCE NO.: 125:16349a,16352a
TITLE: Preparation of N-acyl-2-heterocyclylaniline derivatives as agricultural and horticultural fungicides
INVENTOR(S): Yoshikawa, Yukihiro; Tomitani, Kanji; Kawashima, Hideo; Maeda, Sunao; Matsunaga, Hirofumi; Katsuta, Hiroyuki; Yanase, Juji; Kishi, Junro; Shimotori, Hitoshi; Inami, Shunichi
PATENT ASSIGNEE(S): Mitsui Toatsu Chemicals, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 20 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08092223	A	19960409	JP 1994-231599	19940927
PRIORITY APPLN. INFO.:			JP 1994-231599	19940927

OTHER SOURCE(S): MARPAT 125:86664
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The title compds. [I; Het = Q - Q7; wherein X = O, S; R1 = H, C1-4 (halo)alkyl; R = Q8 - Q12; wherein R2 = C1-4 (halo)alkyl; X1 = O, S; R3 = H, C1-4 alkyl; R4 = halo; Z = N, CH; n is not defined] are prepared Thus, 0.25 g 1-methyl-3-trifluoromethylpyrazole-4-carboxylic acid was refluxed with 3 mL SOCl2 for 1.5 h and concentrated to give 1-methyl-3-trifluoromethylpyrazole-4-carbonyl chloride, which was dissolved in THF, treated with 0.2 g pyridine and then with a solution of 0.23 g 2-(2-thienyl)aniline in 1 mL THF, and stirred at room temperature for 1 h to give 78% the title compound (II). II at 50 ppm controlled 100% Botrytis cinerea in kidney bean and strawberry plants.
IT 178263-83-7P

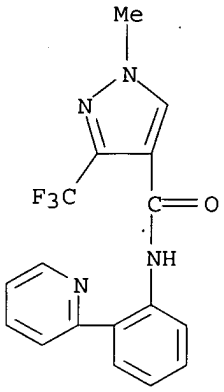
Updated Search

STN

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of N-acyl-2-heterocyclylaniline derivs. as agricultural and horticultural fungicides)

RN 178263-83-7 HCAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-N-[2-(2-pyridinyl)phenyl]-3-(trifluoromethyl)- (CA INDEX NAME)



L10 ANSWER 16 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1995:723250 HCAPLUS

DOCUMENT NUMBER: 123:143917

ORIGINAL REFERENCE NO.: 123:25641a,25644a

TITLE: Preparation of herbicidal heteroaryl substituted anilides

INVENTOR(S): Denes, Lucian Radu

PATENT ASSIGNEE(S): du Pont de Nemours, E. I., and Co., USA

SOURCE: PCT Int. Appl., 78 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9509846	A1	19950413	WO 1994-US10342	19940921
W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, JP, KG, KP, KR, KZ, LK, LR, LT, LV, MD, MG, MN, NO, NZ, PL, RO, RU, SI, SK, TJ, TT, UA, US, UZ, VN				
RW: KE, MW, SD, SZ, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2173326	A1	19950413	CA 1994-2173326	19940921
AU 9478344	A	19950501	AU 1994-78344	19940921
EP 722441	A1	19960724	EP 1994-929197	19940921
R: DE, ES, FR, GB, IT				
US 5631206	A	19970520	US 1996-600985	19960401

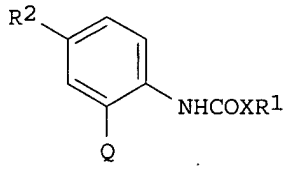
Updated Search

STN

PRIORITY APPLN. INFO.: US 1993-132610 A 19931006
WO 1994-US10342 W 19940921

OTHER SOURCE(S): CASREACT 123:143917; MARPAT 123:143917

GI



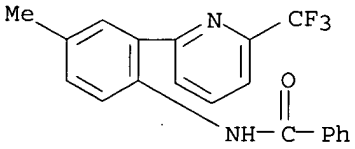
I

AB Title compds. I (Q = substituted heterocyclyl; X = a bond, O, S, substituted HN; R1 = (substituted)C1-5 alky, OH, 1-3 halo, C1-2 alkylthio, CH2(C3-4 cycloalkyl), (substituted)C3-4 cycloalkyl, (halo)C2-4 alkenyl; R2 = H, Cl, Br, C1-2 alkyl, C1-2 alkoxy, C1-2 alkylthio, C2-3 alkoxyalkyl, C2-C3 alkylthioalkyl, NC, O2N, etc.) or a salt thereof, are prepared F3CI was condensed with N-[2-(2-mercapto-4-pyrimidinyl)-4-methylphenyl]-2-methylpropanamide and Et3N in MeCN to give I (Q = [(trifluoromethyl)thio]-4-pyrimidinyl, X = bond, R1 = Me2CH, R2 = Me) (II). In preemergence test II at 200 g/ha gave complete control of crabgrass, giant foxtail, lambsquarter, sugar beet and wild oat.

IT 165955-37-3P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of herbicidal heteroaryl substituted anilides)

RN 165955-37-3 HCAPLUS

CN Benzamide, N-[4-methyl-2-[6-(trifluoromethyl)-2-pyridinyl]phenyl]- (CA INDEX NAME)



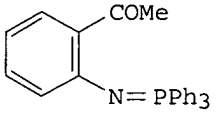
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 17 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1994:217482 HCAPLUS
DOCUMENT NUMBER: 120:217482
ORIGINAL REFERENCE NO.: 120:38617a,38620a
TITLE: Preparation and synthetic applications of iminophosphoranes derived from o-substituted aryl azides: preparation of pyrazolo[1,2-b]indazole, 4H-3,1-benzoxazine and quinoline derivatives. Crystal structure of 2-[2-(4-methoxybenzoylamino)phenyl]-4-methylquinoline
AUTHOR(S): Molina, Pedro; Conesa, Carlota; Alias, Asuncion;

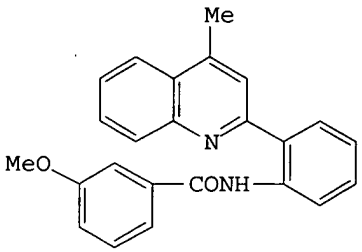
Updated Search

STN

Arques, Antonio; Velasco, Maria D.; Llamas-Saiz, Antonio L.; Foces-Foces, Concepcion
CORPORATE SOURCE: Fac. Quim., Univ. Murcia, Murcia, E-30071, Spain
SOURCE: Tetrahedron (1993), 49(34), 7599-612
CODEN: TETRAB; ISSN: 0040-4020
DOCUMENT TYPE: Journal
LANGUAGE: English
GI

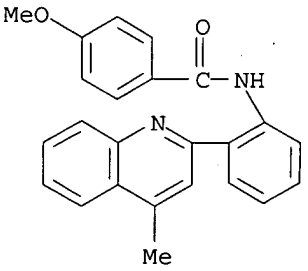


I



II

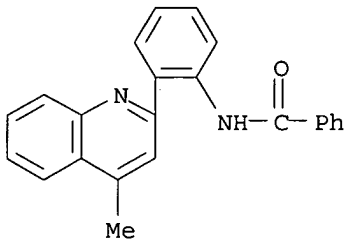
AB The Staudinger reaction of several ortho-substituted aryl azides with triphenylphosphine has been studied. The reaction product is strongly dependent on the nature of the ortho-substituent. The aza Wittig-type reaction of iminophosphorane I derived from o-azidoacetophenone with isocyanates and aroyl chlorides leads to the previously unreported 4-methylene-4H-3,1-benzoxazine ring. The crystal and mol. structure of quinoline derivative II has been established by X-ray diffraction methods.
IT 154089-02-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and crystal structure)
RN 154089-02-8 HCAPLUS
CN Benzamide, 4-methoxy-N-[2-(4-methyl-2-quinolinyl)phenyl]- (CA INDEX NAME)



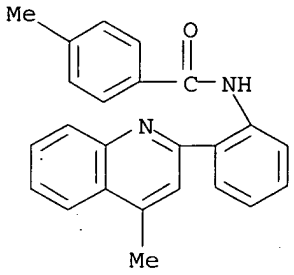
IT 64704-62-7P 154089-01-7P 154089-03-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 64704-62-7 HCAPLUS
CN Benzamide, N-[2-(4-methyl-2-quinolinyl)phenyl]- (CA INDEX NAME)

Updated Search

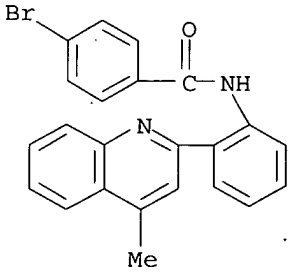
STN



RN 154089-01-7 HCAPLUS
CN Benzamide, 4-methyl-N-[2-(4-methyl-2-quinolinyl)phenyl]- (CA INDEX NAME)



RN 154089-03-9 HCAPLUS
CN Benzamide, 4-bromo-N-[2-(4-methyl-2-quinolinyl)phenyl]- (CA INDEX NAME)

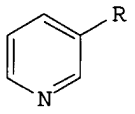


L10 ANSWER 18 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1984:406990 HCAPLUS
DOCUMENT NUMBER: 101:6990
ORIGINAL REFERENCE NO.: 101:1191a,1194a
TITLE: A convenient synthesis of 3-arylpyridines by the palladium catalyzed coupling reaction of diethyl(3-pyridyl)borane with aryl halides
AUTHOR(S): Ishikura, Minoru; Kamada, Machiko; Terashima, Masanao
CORPORATE SOURCE: Fac. Pharm. Sci., Higashi-Nippon-Gakuen Univ., Hokkaido, 061-02, Japan
SOURCE: Heterocycles (1984), 22(2), 265-8
CODEN: HTCYAM; ISSN: 0385-5414

Updated Search

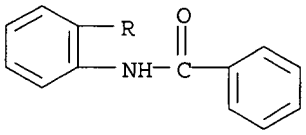
STN

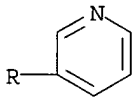
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 101:6990
GI



I

AB 3-Arylpyridines I [R = (un)substituted Ph] were prepared by a cross-coupling reaction between I (R = Et2B) and RBr in the presence of bases with (Ph3P)4Pd as catalyst.
IT 90395-48-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, by (diethylboryl)pyridine phenylation, palladium catalyzed)
RN 90395-48-5 HCAPLUS
CN Benzamide, N-[2-(3-pyridinyl)phenyl]- (CA INDEX NAME)

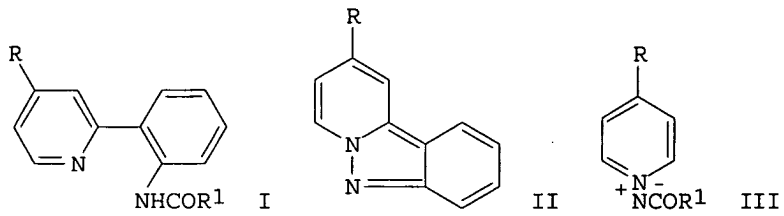




L10 ANSWER 19 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1981:103227 HCAPLUS
DOCUMENT NUMBER: 94:103227
ORIGINAL REFERENCE NO.: 94:16846h,16847a
TITLE: Reactions of substituted pyridinium N-imines with benzyne: syntheses of pyrido[1,2-b] indazoles and related compounds
AUTHOR(S): Yamashita, Yoshiro; Hayashi, Takashi; Masumura, Mitsuo
CORPORATE SOURCE: Fac. Eng., Tokushima Univ., Tokushima, 770, Japan
SOURCE: Chemistry Letters (1980), (9), 1133-6
CODEN: CMLTAG; ISSN: 0366-7022
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 94:103227
GI

Updated Search

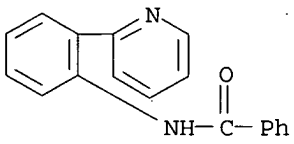
STN



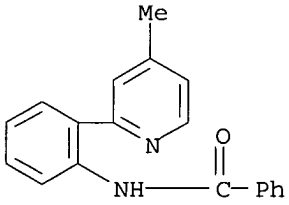
AB 2-o-Aminophenylpyridines I (R = H, Me; R1 = Ph, OEt), pyrido[1,2-b]indazoles II (R = H, Me) indazolo[2,3-a]quinoline, and indazolo[3,2-a]isoquinoline were obtained by the reactions of benzyne with the corresponding ylides, e.g. III.

IT 76426-76-1P 76426-77-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 76426-76-1 HCAPLUS
CN Benzamide, N-[2-(2-pyridinyl)phenyl]- (CA INDEX NAME)



RN 76426-77-2 HCAPLUS
CN Benzamide, N-[2-(4-methyl-2-pyridinyl)phenyl]- (CA INDEX NAME)



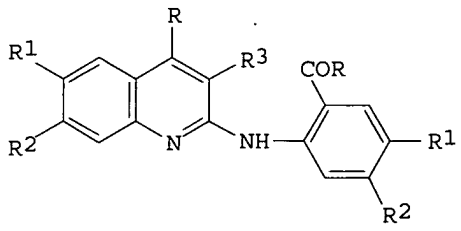
L10 ANSWER 20 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER:	1977:601275 HCAPLUS
DOCUMENT NUMBER:	87:201275
ORIGINAL REFERENCE NO.:	87:31863a,31866a
TITLE:	Heterocycles from 2-amino ketones. XXI. 2-Anilinoquinolines from o-amino ketones and monocarboxylic acids
AUTHOR(S):	Kempter, G.; Rehbaum, D.; Schirmer, J.
CORPORATE SOURCE:	Sekt. Chem./Biol., Paedagog. Hochsch. "Karl Liebknecht", Potsdam, Ger. Dem. Rep.
SOURCE:	Journal fuer Praktische Chemie (Leipzig) (1977), 319(4), 573-80

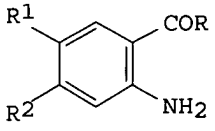
Updated Search

STN

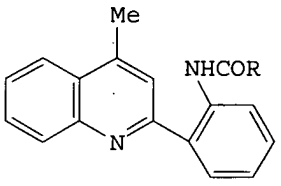
CODEN: JPCEAO; ISSN: 0021-8383
DOCUMENT TYPE: Journal
LANGUAGE: German
OTHER SOURCE(S): CASREACT 87:201275
GI



I



II



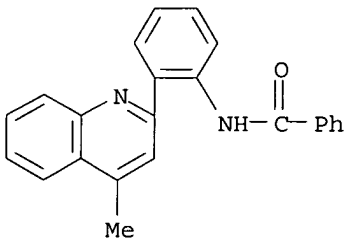
III

AB Quinolines I (R = Ph, 4-MeC6H4; R1 = H, Cl, Br, Me, NO2; R2 = H, Cl; R3 = H, Me, Et, Ph) were obtained in 70-90% yield by condensing benzophenones II with R3CH2CO2H in the presence of 10-fold excess polyphosphoric acid at 130-5°. Condensation of 2,4-(PhCO)R4C6H3NH2 (R4 = H, Cl) with 2,4-(PhCO)R4C6H3NHBz at 150-60° gave 2,4-(PhCO)R4C6H3N:CPhC6H3RNHBz-5,2. 2-H2NC6H4COMe was condensed with 2-MeCOC6H4NHCOR5 (R5 = Me, Ph) in the presence of polyphosphoric acid 130-5° to gave 85-8% quinolines III.

IT 64704-62-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 64704-62-7 HCAPLUS

CN Benzamide, N-[2-(4-methyl-2-quinolinyl)phenyl]- (CA INDEX NAME)

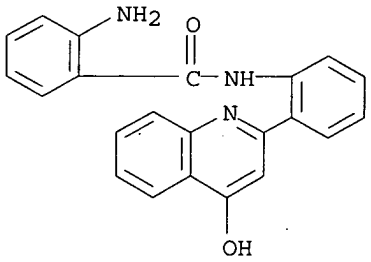


L10 ANSWER 21 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1975:111960 HCAPLUS
DOCUMENT NUMBER: 82:111960

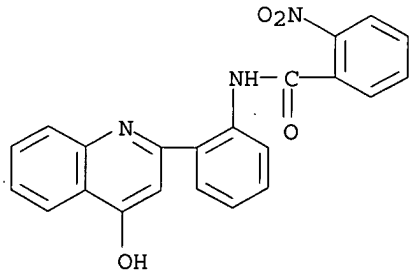
Updated Search

STN

ORIGINAL REFERENCE NO.: 82:17887a,17890a
TITLE: Structure of (2,3),(5,6),(8,9)-tribenzo-1,4,7-triazaphenalene
AUTHOR(S): Bogdanowicz-Szwed, Krystyna; Sledziewska, Ewa; Zemanek, Alexander
CORPORATE SOURCE: Dep. Org. Chem., Jagiellonian Univ., Krakow, Pol.
SOURCE: Roczniki Chemii (1974), 48(7-8), 1255-63
CODEN: ROCHAC; ISSN: 0035-7677
DOCUMENT TYPE: Journal
LANGUAGE: English
GI For diagram(s), see printed CA Issue.
AB The tribenzotriazaphenalene I was obtained from (o-nitrobenzoyl)acetanilide, via the β-anilino-o-nitrocinnamanilide, 2-(2'-nitrophenyl)-4-hydroxyquinoline, the 2'-amino analog, 2-[2-(2'-nitrobenzamido)phenyl]-4-hydroxyquinoline, the 2'-amino analog, and cyclization. The structure of I was proved spectroscopically.
IT 54890-65-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and cyclization of)
RN 54890-65-2 HCAPLUS
CN Benzamide, 2-amino-N-[2-(4-hydroxy-2-quinolinyl)phenyl]- (CA INDEX NAME)



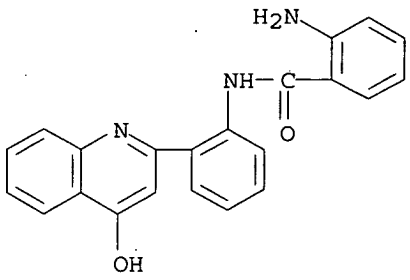
IT 35720-63-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reduction of)
RN 35720-63-9 HCAPLUS
CN Benzamide, N-[2-(4-hydroxy-2-quinolinyl)phenyl]-2-nitro- (CA INDEX NAME)



Updated Search

STN

IT 54890-66-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 54890-66-3 HCAPLUS
CN Benzamide, 2-amino-N-[2-(4-hydroxy-2-quinolinyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

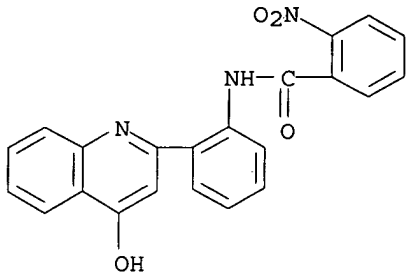


●2 HCl

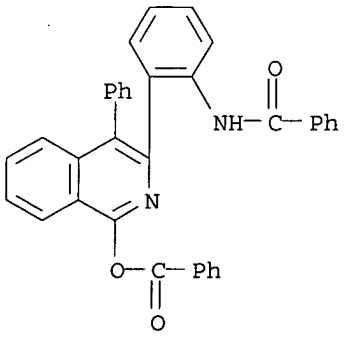
L10 ANSWER 22 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1972:126819 HCAPLUS
DOCUMENT NUMBER: 76:126819
ORIGINAL REFERENCE NO.: 76:20532h,20533a
TITLE: Heterocyclic analogs of carcinogenic hydrocarbons
AUTHOR(S): Moszew, Jan; Szwed, Krystyna; Sledziewska, Ewa
CORPORATE SOURCE: Univ. Krakow, Cracow, Pol.
SOURCE: Roczniki Chemii (1971), 45(10), 1787-8
CODEN: ROCHAC; ISSN: 0035-7677
DOCUMENT TYPE: Journal
LANGUAGE: Polish
GI For diagram(s), see printed CA Issue.
AB 2,3:5,6:8,9 - Tribenzo - 1,4,7 - triazaphenalene (I) was prepared from (o-nitrobenzoyl)acetic acid via o-O2NC6H4C(:NPh)CH2CONHPh (II), cyclization of II to 2-(o-nitrophenyl)-4-hydroxyquinoline (III, X = NO2) (IV), reduction of IV to III (X = NH2), benzoylation with o-O2NC6H4COCl to III (X = NHCO-C6H4NO2-o), reduction to III (X = NHCOC6H4NH2-o), and cyclization of the latter with P2O5 in xylene.
IT 35720-63-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 35720-63-9 HCAPLUS
CN Benzamide, N-[2-(4-hydroxy-2-quinolinyl)phenyl]-2-nitro- (CA INDEX NAME)

Updated Search

STN



L10 ANSWER 23 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1968:451957 HCAPLUS
DOCUMENT NUMBER: 69:51957
ORIGINAL REFERENCE NO.: 69:9695a,9698a
TITLE: Conversion of indones to quinoline and isoquinoline derivatives. III. Schmidt reaction with 2,3-diphenylindone and similar compounds
AUTHOR(S): Marsili, A.
CORPORATE SOURCE: Ist. Chim. Farm. Tossicol., Univ. Pisa, Pisa, Italy
SOURCE: Tetrahedron (1968), 24(14), 4981-91
CODEN: TETRAB; ISSN: 0040-4020
DOCUMENT TYPE: Journal
LANGUAGE: English
GI For diagram(s), see printed CA Issue.
AB The Schmidt reaction with 2,3-diphenylindone, in H2SO4-HOAc affords 3,4-diphenylcarbostyril (I), 3,4-diphenylisocarbostyril (II), 5-phenyl-11H-indolo[3.2-c]isoquinoline (III) and 3-(o-aminophenyl)-4-phenylisocarbostyril (IV). The prob able mechanism of formation of the 4 products is discussed. The same reaction in H2SO4 gives 3-(p-sulfophenyl)-4-phenylcarbostyril as the only reaction product. The Schmidt reaction with 3-methyl-2-phenylindone and 3-ethyl-2-phenylindone is also described. 23 references.
IT 19069-78-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 19069-78-4 HCAPLUS
CN Benzamide, N-[2-[1-(benzoyloxy)-4-phenyl-3-isoquinolinyl]phenyl]- (CA INDEX NAME)



Updated Search

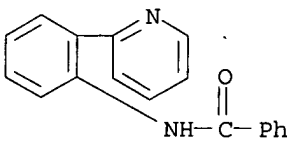
STN

L10 ANSWER 24 OF 24 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1943:39450 HCAPLUS
DOCUMENT NUMBER: 37:39450
ORIGINAL REFERENCE NO.: 37:6264i,6265a-c
TITLE: New syntheses of heterocyclic compounds. II. 2-Phenyl-3,4,6,7-dibenzo-1,5-naphthyridine
AUTHOR(S): Petrow, V. A.; Stack, M. V.; Wragg, W. R.
SOURCE: Journal of the Chemical Society (1943) 316-17
CODEN: JCSOA9; ISSN: 0368-1769
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
OTHER SOURCE(S): CASREACT 37:39450

AB cf. C. A. 37, 885.2. 2-(o-Nitrophenyl)pyridine, reduced in 2 vols. concentrated HCl with 6 parts $SnCl_2$ in 12 parts concentrated HCl, with final heating for 1 h. at 100°, gives the 2-NH_2 derivative (I), whose picrate, orange, m. 185-6° (decomposition); Bz derivative (II), m. 117° (picrate, yellow, m. 155° (decomposition)). The 3-isomer of I forms a picrate, m. 164° (decomposition); Bz derivative (III), m. 132° (picrate, yellow, m. 168° (decomposition)).
2-Amino-3-phenylquinoline (preparation in 30% yield given) forms an Ac derivative (IV), m. 107-8°. 2-(o-Benzamidophenyl)quinoline (V), m. 124°. $BzCH_2NH_2$ and BzCl in C_5H_5N give, under definite conditions, benzoylphenacylamine (VI), m. 125-6°; under other conditions there also result α,γ-diphenylpyrazine, m. 193-4°, and dibenzoylphenacylamine, m. 173-4° (separated by crystallization from Me_2CO). Condensation of VI with isatin in alc. KOH gives 3-benzamido-2-phenyl-4-quinolinecarboxylic acid, pale yellow, m. 254-5°; heating 5 g. with 30 mL. H_3PO_4 (d. 1.75) at 170-210° gives 3-amino-2-phenylquinoline (VII), which forms a Bz derivative (VIII), m. 179-80°, and a p-nitrobenzoyl derivative (IX), pale yellow, m. 223°. VIII, heated with P_2O_5 at 270-80° for 2 h., gives 2-phenyl-3,4,6,7-dibenzo-1,5-naphthyridine, m. 197-8° (picrate, yellow, m. 240-1°); IX forms a resinous product and the Ac derivative of VII yields an unidentified compound m. 199°. II-V could not be cyclized by refluxing with P_2O_5; with $ZnCl_2$, at 300° or P_2O_5 at 200°, the amines were regenerated; fusion with P_2O_5 caused resinification.

IT 76426-76-1P, Benzanilide, 2'-(2-pyridyl)- 860521-36-4P, Benzanilide, 2'-(2-pyridyl)-, picrate
RL: PREP (Preparation)
(preparation of)

RN 76426-76-1 HCAPLUS
CN Benzamide, N-[2-(2-pyridinyl)phenyl]- (CA INDEX NAME)



RN 860521-36-4 HCAPLUS

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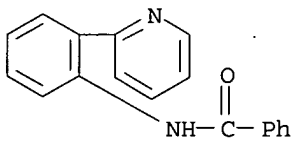
STN

CN Benzanilide, 2'-(2-pyridyl)-, picrate (4CI) (CA INDEX NAME)

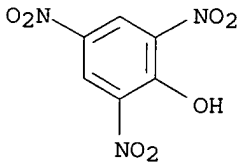
CM 1

CRN 76426-76-1
CMF C18 H14 N2 O



CM 2

CRN 88-89-1
CMF C6 H3 N3 O7



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